WELLESLEY COLLEGE

· CALENDAR ·

1896 - 97

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CALENDAR

OF

WELLESLEY COLLEGE.

1896-97

BOSTON
FRANK WOOD, PRINTER, 352 WASHINGTON STREET
1896

Calendar.

The Academic Year consists of thirty-five weeks exclusive of vacations, and begins on the Wednesday following the 14th of September.

		1896.
Academic Year begins 8 A. M.	Wednesday,	September 16.
Examinations		September 16–19.

Recess from 12.30 P. M. Wednesday, November 25, until 12.30 P. M. Friday, November 27.

Recess from 5 P. M. Wednesday, December 16, 1896, until 8 A. M. Thursday, January 7, 1897.

		1897.
Day of Prayer for Colleges	Thursday,	January 28.
Second Semester begins	Monday,	February 8.

Recess from 5 P. M. Wednesday, March 24, until 8 A. M. Tuesday, April 6.

COMMENCEMENT	Tuesday,	June 22.
ALUMNÆ DAY	Wednesday,	June 23.
Academic Year begins 8 A. M.	Wednesday,	September 15.
Examinations		September 15–18.

Recess from 12.30 P. M. Wednesday, November 24, until 12.30 P. M. Friday, November 26.

Recess from 5 P. M. Wednesday, December 15, 1897, until 8 A. M. Thursday, January 6, 1898.

		1898.
Day of Prayer for Colleges	Thursday,	January 27.
Second Semester begins	Monday,	February 7.

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WILLIAM HARMON NILES, M.A.,
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Professor of English Literature.

[1] Arranged according to rank in the order of appointment.
[2] Abroad for the Sabbatical year.

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JOHN GODDARD HART, B.A.,
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Wellesley College,

WELLESLEY, MASSACHUSETTS.

Wellesley College was established in 1875, for the purpose of furnishing to young women who desire to obtain a liberal education, such advantages and facilities as are enjoyed in institutions of the highest grade.

The College is undenominational, but distinctively and positively Christian in its influence, discipline, and instruction. The systematic study of the Bible is required. Daily service is held in the chapel. The Sunday services are conducted by ministers of different denominations. The Wellesley College Christian Association is organized to promote the religious life of the College, to arouse an intelligent interest in social reforms, and to increase the interest in home and foreign missions.

By the charter, granted by the Commonwealth of Massachusetts, "the corporation of Wellesley College is authorized to grant such honorary testimonials, and confer such honors, degrees, and diplomas, as are granted or conferred by any University, College, or Seminary of learning in this Commonwealth; and the diplomas so granted shall entitle the possessors to the immunities and privileges allowed, by usage or statute, to the possessors of like diplomas from any University, College, or Seminary of learning in this Commonwealth."

Libraries.

The General Library of the College, endowed by Eben Norton Horsford, now numbers 46,200 carefully selected volumes, not including pamphlets, and is open from 7 A. M. to 9.20 P. M., and on Sundays, from 9 to 11 A. M. and from 2 to 6 P. M. Students have free access to the shelves. The library is fully catalogued by author and subject entries, and the most recent and useful bibliographical aids are provided; special effort is made by the librarians to train students in thorough methods of research. A practical course of instruction in Bibliography is given each year in connection with college courses in Literature, Art, Philosophy, History, and Economics.

One hundred and seventy-five American, English, French, and German periodicals are taken for the General Library. The list includes the most important representatives of the branches of instruction covered by the college curriculum. About thirty-seven daily, weekly, and monthly journals are taken for the reading room.

The following collections are located in the laboratories of the departments to which they belong:—

The Art Library, 1,454 volumes.

Botanical Library, 1,633 volumes.

Library of Physics, Physical Astronomy, Microscopy, and Physical Geography, 2,170 volumes.

Library of Zoölogy and Physiology, 1,600 volumes.

Library of Chemistry, Mineralogy, and Geology, 1,163 volumes.

The Gertrude Memorial Library, established by Mr. A. A. Sweet, with the Missionary Library, and other collections in the General Library, furnish 3,974 volumes for Biblical study and religious reading.

The Library of American Linguistics, a special gift from Prof. E. N. Horsford, now numbers 1,420 works, including the valuable collection made by Major J. W. Powell.

In the smaller houses, libraries of literary, historical, and religious works are accumulating through private generosity.

The Farnsworth Art Building and the Art Collections.

The Farnsworth Art Building, the gift of the late Isaac D. Farnsworth, was opened for work in September, 1889. Besides a lecture room, galleries for collections, and studios for those engaged in drawing and painting, a special feature in the plan of the building is the arrangement of laboratories and libraries, so that the books and art material relating to particular subjects and periods can be made immediately available to general students.

The Art Collection now numbers two thousand photographs, engravings, etchings, and drawings; a series of stereoscopic views illustrating the history and art of different nations and periods; a collection of paintings in oil and water colors; copies of ancient armor; a few ceramics, coins, and pieces in bronze and iron; one hundred statues and busts; a small collection of casts from the antique; thirty-six pieces of pottery from an ancient cemetery on the Isthmus of Panama, the gift of Mrs. J. S. Lamson; the James Jackson Jarves collection of laces and embroideries; and the Stetson collection of sixty-five paintings in oil.

Laboratories and Scientific Collections.

CHEMICAL LABORATORIES.

A new building has recently been erected for work in Chemistry alone. This contains a large laboratory for General Chemistry, with lockers for two hundred students; separate rooms for analytical work in qualitative and quantitative branches; and a room specially arranged for making organic preparations. All of the rooms are well lighted, conveniently arranged, and thoroughly equipped with modern appliances for successful work. The building contains also a reading room, and a large lecture room admirably arranged for experimental illustrations.

GEOLOGICAL AND MINERALOGICAL COLLECTIONS.

The mineralogical specimens are arranged in three collections. One collection is exhibited in glass cases, and illustrates the variety and finer qualities of mineral specimens; also by its arrangement with labels for the groups into which it is divided, it shows the classification of minerals, and, to some extent, their association.

Another collection is used for reference. It contains well-characterized specimens of the more common species. The specimens are labeled and arranged in drawers, and the collection is always accessible to students taking Mineralogy.

There is a third collection, which is used for teaching purposes. It comprises smaller but well-selected specimens, which are systematically arranged in small wooden trays with numbers, but without labels. During an exercise each student has one of these trays, which presents objectively the subject of the lesson.

The room containing these collections is supplied with tables equipped with appliances for testing specimens and laboratory work.

The geological collection of specimens used in teaching the kinds of rocks, rock-structures, the fossil evidences of life and their succession in past times, is so arranged in cases and labeled that it permanently illustrates these topics.

PHYSICAL LABORATORIES.

The department of Physics occupies a convenient lecture room, provided with arrangements for sunlight and lantern projection, and adequate apparatus for illustrative experiments.

Laboratories for students are equipped with instruments adapted to a wide range of work. Rooms are especially fitted for photometry, photography, spectroscopic work, and electrical measurements. A workshop is provided with lathe and tools. A steam engine and two dynamos are connected with the laboratories.

BOTANICAL LABORATORIES.

For the use of students in morphological, histological and physiological work, there are three distinct laboratories, each of which is thoroughly equipped for its special purpose. The laboratory for advanced work has also the necessary physical and chemical apparatus, and such other appliances as are requisite to enable students to carry on independent research.

The collection illustrative of Botany includes: the herbarium, containing upward of six thousand phanerogams and about six thousand and five hundred cryptogams; a generic collection mounted under glass; a collection of woods, fruits, and economic vegetable products and a set of drugs fully

illustrating the pharmacopœia ; two hundred charts by Henslow, Kny, Dodel-Port, and others ; a collection of Auzoux's botanical models, illustrating the structure of both flowering and flowerless plants.

In addition to the working collections a permanent museum is being arranged.

ZOÖLOGICAL LABORATORIES.

There are three laboratories for the study of Zoölogy and Animal Physiology. Students are provided with dissecting and compound microscopes, and, for special demonstration, lenses of exceedingly high power are available.

Accessories which aid in the pursuit of the subject are : the museum, a typical collection of both vertebrates and invertebrates ; a considerable and increasing number of charts ; a collection of His, Blaschka, and Auzoux models, including a manikin, and models of separate organs and mechanisms. There is also an excellent collection of birds of the locality, and one of insects.

PSYCHOLOGICAL LABORATORY.

The equipment of the laboratory includes a Ludwig kymograph ; Sanford's chronograph ; a counterpoised pendulum with electrical connections ; a color-wheel, a campimeter, a Wheatstone stereoscope, the Ragona Scina and the Hering apparatus for the study of simultaneous contrast ; an æsthesiometer, a pressure-balance, graduated weights and instruments for the study of the dermal senses ; tuning forks and sonometers. Students may also have the use of models and plates of the brain, lambs' brains, and dissecting instruments.

MATHEMATICAL MODELS.

The collection of mathematical models consists of a set of models of simple solids, surfaces of the second and higher orders, and circular sections of surfaces of the second order. They are executed in wood, thread, card, and plaster.

Concerts and Lectures.

Frequent recitals and concerts are given by instructors in the Department of Music, by advanced students, and by distinguished musicians from Boston and elsewhere. These concerts are free, but it is expected that all who are able will contribute to the Concert Fund.

One lecture on a Shakespearean subject is provided annually by the income of the Kate Howard Furness Fund, and two readings or lectures on elocution by that of the Monroe Fund ; also a course of lectures on current topics is maintained from October until May. The lectures on current topics are given by members of the Wellesley faculty, assisted by professors of other faculties and by other speakers. There are also occasional addresses of special interest to members of some one department, but open to the College at large.

Health Provisions.

Wellesley is known as one of the most healthful towns in Massachusetts. The College grounds include more than three hundred acres, and give ample opportunity for exercise and recreation. Lake Waban affords a most attractive place for boating and skating.

The health of the students is considered of primary importance. In the construction of the buildings this has been kept constantly in view. Everything possible has been done to give an abundance of light, sunshine, fresh air, and pure water. The drainage, natural and artificial, is excellent. Nearly all the houses are located on hills, and the ground slopes from them in every direction, so that stagnant waters are impossible.

Two health officers have special oversight of the health of the students. Two hospital wards are provided in College Hall, one in Stone Hall, and an emergency ward in an isolated building. A nurse is in constant residence. No charge is made for attendance or medicine, except in cases of prolonged illness.

Freshmen are required to take a course in Physiology and Hygiene, one appointment per week for a year.

The Health Officers, the Director of Physical Training, and the Professor of Elocution constitute a Board of Health, to which reference is made in those cases where special examination is deemed necessary.

Three hours per week of physical training are required in the freshman year. A limited number of upper-class students may, under favorable circumstances, arrange for work in the Gymnasium.

The Gymnasium is equipped with apparatus for Swedish educational gymnastics.

The Playstead, or out-of-door gymnasium, furnishes opportunity for organized sports and pastimes; it will also be used by the gymnastic classes in suitable weather. The class crews, selected on the basis of physical suitability, are trained in rowing.

Expenses.

The first payment, due at the opening of the College in September, is, for students residing in the college buildings, $250 ($175 for tuition and $75 for board); for students not residing in the college buildings the payment is $175. The second payment, due at the beginning of the second semester, from students residing in the college buildings, is $150 for board. These payments must be made before the student may take her place in the class room. No exception will be made to this rule without a written permission from the Treasurer. *Checks or money orders should be made payable to Wellesley College.*

TUITION.

The charge for tuition is $175 a year; this is paid by *all* students residing in the college buildings, and by all others who do not come under one of the following exceptions:—

a. Approved graduate students pursuing a course of study leading to the M.A. degree are not required to pay tuition, provided they do not reside in the college buildings.

b. Students who are permitted to take seven hours or less of class-room work per week, and who do not reside in the college buildings, pay tuition by the course as follows: For a one-hour course, $20; a two-hour course, $40; a three-hour course, $60. Payment due at the beginning of the year. No charge is made for tuition in Bible study.

c. Until the close of the college year which ends in June, 1899, all students who were in attendance during the college year 1895–96 will pay at the rate for that year, $150 for tuition and $200 for board; $200 due on entrance, and $150 at the beginning of the second semester. No students except those enrolled for the full year 1895–96, and present at both semester examinations, can be admitted at these rates. No assistance in clerical or domestic work is required from any student.

An additional charge is made for materials in the following laboratory courses: $5 for each laboratory course in Botany, Chemistry, or Zoölogy, and $1 for each course in Physics, Mineralogy, or Paleontology. Every student should also reckon on the expenditure of $10 to $25 annually for the purchase of books. At the time of taking the degree a diploma fee is charged. This is $5 for the B.A. degree and $25 for the M.A. degree. At the time of taking a certificate, a certificate fee of $3 is due.

TUITION AND OTHER CHARGES IN THE DEPARTMENT OF MUSIC.

For private instruction for the College year in Piano, Organ, Harmony, Violin, or Vocal Music, two lessons per week	$100 00
One lesson per week	50 00
(Lessons forty-five minutes each.)	
Two half-hour lessons per week	75 00
Ensemble playing, class of six, each student	35 00
For use of the Piano or Reed Organ, one period daily, for the year	10 00
For two periods daily	20 00
For three periods daily	30 00
For use of the Pipe Organ in Music Hall, one period daily, for the year	15 00
For two periods daily	30 00

Tuition and all other charges in music are payable in advance.

Charges for instruction on instruments not mentioned will be fixed when the lessons are arranged.

It is understood that all arrangements for the study of music are made for the entire year. Lessons cannot be discontinued, except for extraordinary reasons, and due notice must be given to the Head of the Department. No deduction will be made for lessons lost by the student.

BOARD.

Two systems of lodging are in use at Wellesley,—the cottage system and the hall system: College Hall, with three dining rooms, accommodates two hundred and seventy-seven persons; Stone Hall, with four dining rooms, one hundred and three; Freeman Cottage, forty-eight; Wood Cottage, forty-nine; Norumbega Cottage, thirty-two; The Eliot, thirty-one; Simpson Cottage, twenty-three; Waban Cottage, eleven; The Fiske, thirty-four. Each building contains single rooms as well as suites for two students. All the rooms are fully furnished, and supplied with electric lights or student lamps. Each Hall has an elevator.

Application for rooms in the college buildings should be made from one to two years in advance of the time at which the student is expected to enter, or, if possible, even earlier. A fee of $10 is required for registration, and no application is recorded until the fee is received. This fee will be credited to the student, and a corresponding deduction made on her first payment. Should the student decide to withdraw, the fee will be returned, provided notification of her change of plan is received at Wellesley before the 15th of August. A student who postpones entrance until the year following the one for which she first registered may transfer her registration fee.

Until July 1st, but not after that date, applications from former students will take precedence of those of new students in the matter of rooms. Board can be obtained in private families in the village for $6 per week and upward. A limited number of students can arrange for board at the College during the Christmas and spring vacations; the charge is $6 per week for students enrolled for the full year 1895–6, and $7 per week for all others. Information regarding boarding places may be obtained by addressing the Dean.

Scholarships, Etc.

A. For Undergraduates.*

The Wood Memorial Scholarship, founded in 1878, by Mrs. Caroline A. Wood, in memory of her husband.

The Grover Scholarship, founded in 1878, by William O. Grover.

The Weston Scholarship, founded in 1878, by David M. Weston.

The Northfield Seminary Scholarship, founded in 1878.

The Pauline A. Durant Scholarship, founded in 1880, by Mr. and Mrs. Durant.

The Sweatman Scholarship, founded in 1880, by Mr. V. C. Sweatman.

The Walter Baker Memorial Scholarship, founded in 1880, by Mrs. Eleanor J. W. Baker; raised to $7,000 by will of Mrs. Baker in 1892.

* Unless otherwise stated, these scholarships are of $5,000 each, and their income is appropriated annually under the advice of the Students' Aid Society of Wellesley College.

The Annie M. Wood Scholarship, founded in 1880, by Frank Wood.

Two Frost Scholarships, founded in 1880, by Rufus S. Frost, as follows :—

One of $1,000, the income to be given annually to some member of the graduating class designated by the Faculty.

One of $5,000, the income to be devoted annually to the aid of students.

The Union Church Scholarship, founded in 1880, by Mr. and Mrs. A. W. Stetson.

The Florence N. Brown Memorial Scholarship, founded in 1880, by Mr. and Mrs. Samuel N. Brown, Jr.

The Augustus R. Clark Memorial Scholarship, founded in 1880, by Mr. and Mrs. A. N. Clark.

Four Harriet Fowle Scholarships, founded in 1881, by Henry Fowle Durant, in memory of his mother.

The Durant Memorial Scholarship, founded in 1883, by the officers and students of Wellesley College, in honor of Henry F. Durant, the income to be appropriated annually to some student selected by the Faculty.

The Jane Topliff Memorial Scholarship of $6,000, founded in 1883, by Mrs. William S. Houghton, in memory of her mother.

The income of a fund of $25,000 known as the "Stone Educational Fund," founded in 1884, by Mrs. Valeria G. Stone.

The Jeannie L. White Scholarship, founded in 1886, by herself.

The Mr. and Mrs. Solomon F. Smith Memorial Scholarship, founded in 1888, by George Smith, for the tuition of students from the town of Wellesley.

The Margaret McClung Cowan Fund, of $1,000, founded in 1888, by Rev. and Mrs. P. D. Cowan, in memory of their daughter.

The Emmelar Scholarship, founded in 1889, by the Class of '91, the income to be appropriated annually to some student selected by the Faculty.

The Sarah J. Houghton Scholarship, of $6,000, founded in 1889, by William S. Houghton, in memory of his wife.

By provision of Mr. E. A. Goodenow, in 1885, the sum of $250 is annually divided among five deserving students.

The Edith Baker Memorial Scholarship, of $7,000, founded by bequest of Mrs. E. J. W. Baker, in 1892.

The Joseph N. Fiske Memorial Scholarship, founded in 1892, by Mrs. J. N. Fiske.

The Abbie A. Coburn Memorial Scholarship, of $2,000, founded in 1892.

The Eliza C. Jewett Scholarship, of $6,000, founded in 1894; the income to be appropriated to the daughter of a clergyman, or of a home or foreign missionary, selected by the Faculty of the College.

The Ada L. Howard Scholarship, of $6,000, founded in 1895.

The Helen Day Gould Scholarship, of $7,000, founded in 1896, by Helen Miller Gould, in memory of her mother.

B. For Graduates.

To approved graduate students pursuing a course of study leading to the M.A. degree, the College remits the general tuition fees, provided such students do not reside in the college buildings. The equivalent of a scholarship of $175 is thus practically given to each of these students. This remission does not, however, include laboratory or diploma fees.

The Students' Aid Society also receives and disburses smaller sums, thus aiding those who, while they have some resources, could not meet the entire expense of a college course.

The object of the Society is to assist young women who would otherwise be unable to obtain an education. In many cases money is loaned to students without interest, in the expectation that whenever they are able they will repay the Society; assistance is often given partly in gifts and partly in loans.

The Society appropriated to students during 1895–96 in loans and gifts $6,399.50, this amount being the income of scholarships together with the cash received from subscribers and donors. The funds at its disposal are wholly insufficient to meet the wants of the applicants. Contributions of any amount will be gladly received, and should be sent to the Treasurer of the Society, Mrs. Pauline A. Durant, Wellesley, Mass. All applications for assistance must be made by letter, addressed to the Secretary of the Students' Aid Society, Wellesley, Mass.

Deductions.

A student obliged to leave college before the end of the year for which she entered, will be charged for board (at the rate of $7 per week) until formal notice is given by her parent or guardian that she has relinquished her room. As engagements with instructors and other provisions for the carrying on of college work are made by the College for the entire year in advance, no deduction can be made in the charges for tuition.

No deduction is made for absences during the year.

The registration fee of $10, mentioned on p. 18, will be returned, provided notice of the relinquishment of the room be received before the 15th of August.

A student who enters after the opening of the college year will be charged tuition as follows:—

If she enters during the first semester,

Full tuition $175.00

If she enters at or after the opening of the second semester,

Half tuition 87.50

In any case board will be charged at the rate of $7 per week.

Tuition in Music for students entering after the opening of the college year is in proportion to the number of lessons given. Laboratory fees are the same for the whole and for any portion of the year.

ADMISSION.

Admission of Undergraduates.

A candidate for admission must be at least sixteen years of age, and must present satisfactory evidence of good moral character and good health. A blank form for the certificate of health will be sent to her on July 20th. This certificate and a testimonial as to moral character must be received at the College before September 1st.

Unless admitted on certificate (see page 27), any student who desires to become a candidate for a degree must pass examinations in the following subjects: English, Geography, History, Mathematics, Latin, and the maximum requirement in either Greek, French, or German; and in addition, either the minimum requirement in a third language or one of the following sciences: Physics, Chemistry, Zoölogy.

Full particulars regarding the subjects of examination are appended.

I. English.

Grammar.—Analysis and Criticism of Sentences.

Rhetoric.—Choice of Words, Construction of Sentences and of Paragraphs, Outlines of Themes.

Text-books recommended: J. F. Genung: Outlines of Rhetoric; A. S. Hill: Foundations of Rhetoric, and as companion book, Huber Gray Buchler: Practical Exercises in English; W. G. Mead: Elementary Composition and Rhetoric; Strang: Exercises; Scott and Denny: Paragraph Writing. The first half of Genung's Practical Elements of Rhetoric will be accepted.

Composition.—The examination essay should contain not less than five hundred words; it should be correct in punctuation, capital letters, spelling, and grammar, and should show proficiency in the principles of Rhetoric named above.

That these requirements may be satisfactorily met, there should be practice in composition equivalent to fortnightly themes during the first two years, and weekly themes during the last two years, of the preparatory course.

The subjects for the examination essay will be taken from the English Literature required for the year, although the Literature examination is distinct. (See below.) Three subjects will be given to the candidate at the time of the examination, and from them one is to be chosen upon which the essay is to be written in the class room, without reference to books.

Literature.—The Wellesley requirement is that adopted by the Commission of New England Colleges.

A. Reading.

Certain books are set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors.

The books set for this part of the examination are :—

1896 : Shakespeare's *A Midsummer Night's Dream;* Irving's *Tales of a Traveller;* Scott's *Woodstock;* Macaulay's *Essay on Milton;* Longfellow's *Evangeline;* George Eliot's *Silas Marner.*

1897 : Shakespeare's *As You Like It;* Irving's *Tales of a Traveller;* Hawthorne's *Twice-Told Tales;* Longfellow's *Evangeline;* George Eliot's *Silas Marner.*

1898 : Milton's *Paradise Lost,* Books I. and II.; Pope's *Iliad,* Books I. and XXII.; *The Sir Roger de Coverley Papers* in "*The Spectator*"; Goldsmith's *The Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Southey's *Life of Nelson;* Carlyle's *Essay on Burns;* Lowell's *Vision of Sir Launfal;* Hawthorne's *The House of the Seven Gables.*

B. Study and Practice.

This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject matter, form, and structure.

The books set for this part of the examination are :—

1896 : Shakespeare's *The Merchant of Venice;* Milton's *L'Allegro, Il Penseroso, Comus,* and *Lycidas;* Webster's *First Bunker Hill Oration.*

1897 : Shakespeare's *The Merchant of Venice;* Burke's *Speech on Conciliation with America;* Scott's *Marmion;* Macaulay's *Essay on Samuel Johnson.*

1898 : Shakespeare's *Macbeth;* Burke's *Speech on Conciliation with America;* De Quincey's *The Flight of a Tartar Tribe;* Tennyson's *The Princess.*

II. Geography :—

Ancient Geography of Greece, Italy, and Asia Minor.

III. History :—

A brief history of the United States to the close of the Revolutionary War; of Greece to the Peloponnesian War; and of Rome to the close of the first century A. D. English History may be substituted for Greek History by candidates not offering Greek.

IV. Mathematics :—

Algebra.—Proportion, Inequalities, Powers and Roots, Quadratic Equations, Arithmetic Progression, Geometric Progression.

Plane Geometry.—As found in Chauvenet, or its equivalent.

Deficiency in preparation usually results from one or more of the following causes: the use of elementary text-books, insufficient length of time spent in preparation, neglect of exercises in original demonstration in Geometry, and neglect of reviews in both Algebra and Geometry. One and a third years, with daily recita-

tions, is the minimum time in which satisfactory preparation can be made in Algebra, and one year with daily recitations is the minimum in Geometry. We strongly urge the necessity of constant exercise in original demonstration in Geometry, with frequent written examinations in both Algebra and Geometry, the problems proposed being drawn from other sources than the text-books.

V. LATIN :—

Grammar, including Prosody.

The study of the rules of Prosody should be accompanied by such exercises in transposition of Latin verses as will make the rules familiar.

Prose Composition.

Forty written exercises in translation of English into Latin, which shall be equivalent, both in amount and in principles involved, to the whole of Jones's Prose Composition.

If no text-book is used the candidate will be liable to examination.

Cæsar, Gallic War, four books.

Cicero, seven orations, or six if the Manilian Law be one.

Vergil, Æneid, six books.

Equivalents will be accepted, especially if they are in the line of the requirements of the New England Commission of Colleges and Preparatory Schools; but verse will not be taken in place of prose, nor anything instead of the required translation of English into Latin. Constant practice in reading at sight is urged. The entrance examinations and the conduct of the work in College assume such training.

In pronunciation, the following rules are recommended: ā like second a in aha! ă like first a in aha! ē as in *fête* (not fate); ĕ as in very; ī as in caprice; ĭ as in capricious; ō as in more; ŏ as in wholly (not as in holly); ū as in rural; ŭ as in puss; ae nearly as in pear, or as aye (ever); ai as aye (yes); au nearly as ou in house, but with more of the sound of the u, as in German *haus;* ei as in vein; eu (eh-oo); oe as in Goethe; ui as in cuirass; c as in sceptic (never as in sceptre); g as in gig (never as in gin); gn makes preceding vowel long; d, l, n, t more dental than in English; i (consonant) as in onion; m final, when not elided, touched lightly and obscurely, something as in tandem (tandm); n before c, g, q, x, as in the same position in English; n before s or f, nasal, lengthening the preceding vowel, as in *renaissance;* r trilled, as in Italian or French (this is most important); s as in sis (never as in his); t as in tot (never as in motion); th as in then (never as in thin); v (consonant), nearly as in *verve*, but labial rather than labio-dental, like the German w (not like the English w); let the English v be given as nearly as may be while directing the lower lip toward the upper lip, and avoiding the upper teeth; x as in six; z as dz in adz. Double consonants should be pronounced with great distinctness, yet smoothly, by holding the first till ready to pronounce the second. Great care should be given to the observance of quantity. In writing, the length of the vowels should, for a time at least, be marked by the student, and in reading, quantity should be strictly observed, no less in prose than in verse.

In addition to the foregoing five subjects required of all, a candidate must offer a maximum requirement in Greek, or French, or German, together with a minimum requirement in a third language or in a science.

MAXIMUM REQUIREMENT IN GREEK.

Grammar. *The etymology must be thoroughly mastered.*

Prose Composition. Collar and Daniell's, Jones's, Winchell's, or Woodruff's, entire, including a systematic study of the main principles of syntax.

Xenophon, Anabasis, three books.

Homer, Iliad, three books; with scansion.

Candidates must be prepared to translate at sight both Attic and Homeric Greek of average difficulty, and to write in Greek a connected passage based upon Xenophon.

The text-books recommended are: For the first year, either Hadley and Allen's, or Goodwin's Grammar, with some book of First Lessons.

Particular attention should be given to the correct writing of Greek with the accents, to exercises both oral and written, and to the use of the blackboard for constant practice upon forms and constructions.

The following pronunciation is recommended: *α* as a in father; *η* as e in prey; *ι* as i in machine; *ω* as o in prone; *υ* as French u. The short vowels should be merely somewhat shorter than the corresponding long vowels; *αι* as ay in aye; *ει* as ei in rein or in height; *οι* as oi in oil; *υι* as ui in quit; *αυ* as ou in house; *ευ* as eu in feud; *ου* as ou in youth; *γ* before *κ*, *γ*, *χ*, *ξ* as n in anger, elsewhere hard; *ϑ* as th in thin; *χ* guttural, as ch in German *machen*.

The teachers of language in the preparatory schools are urged to insist upon the use of simple and idiomatic English in translation.

Ability to read at sight either easy French or German prose is strongly recommended to all classical students.

MINIMUM REQUIREMENT IN GREEK.

Systematic study of etymology from Goodwin's or Hadley and Allen's Grammar, in connection with a book of First Lessons. Anabasis, at least three chapters. Practice in writing Greek.

This work requires at least one year, with five recitations per week. It must be distinctly understood that this preparation does not admit the student to any college course in Greek.

MAXIMUM REQUIREMENT IN FRENCH.

To meet the maximum requirement in French the candidate must be prepared in the following:—

(1) Grammar: a knowledge of the etymology and the essential principles of syntax, especially the use of moods and tenses. (2) Composition: familiarity with the commoner idioms, and ability to translate easy English into French at sight. (3) Reading: not less than five hundred duodecimo pages of classical and contemporary prose and verse from at least four standard authors. (4) Conversation: ability to follow a recitation conducted in

French, and to answer questions in that language. (5) Ability to understand and repeat some short selections from French prose and poetry.

These results can be best attained by the use of the books indicated for College courses 1 and 2, or their equivalents. See page 40 of present Calendar.

The maximum preparation in French should cover a period of at least two years, five recitations per week.

MINIMUM REQUIREMENT IN FRENCH.

As the minimum requirement a student may offer either *A* or *B*:—

A. The first year of the maximum requirement, viz.: (1) Grammar: including the conjugation of the regular and the more usual irregular verbs. (2) Composition: translation at sight of simple sentences from English into French. (3) Reading: at least two hundred duodecimo pages from at least three different authors. Not more than one half of this should be from works of fiction. (4) Conversation: French should be the language of the class room.

B. The ability to read easy prose at sight.

The student should translate, with careful attention to the grammar, at least three hundred pages from such works as La Prise de la Bastille, by Michelet; La Mare au Diable, by George Sand; La Chute, by Victor Hugo; or the prose of such authors as Souvestre, Daudet, and About. The selections should be made from at least four different authors.

Students meeting minimum requirement *B* may be admitted to course 16, but not to course 2 without additional preparation. The minimum preparation in French should cover a period of at least one year, five recitations per week.

A leaflet giving further details in regard to methods and text-books recommended will be sent on application.

MAXIMUM REQUIREMENT IN GERMAN.

To meet the maximum requirement in German the candidate must have:—

(1) A distinct German pronunciation, which may be acquired at the outset by a course in phonetics; (2) A knowledge of the important rules of elementary grammar, which the student should be able to state in German, and to illustrate by original examples; (3) Ability to understand spoken German, an easy lecture or novel, which will be acquired if German is made the language of the class room; (4) Fluency in conversation upon simple topics, and knowledge of German idioms, which are gained by object lessons according to Pestalozzi's Anschauungs Method and by constant recitation in German; (5) Ability to understand and recite some short specimens of

choice lyric poetry; (6) Ability to translate easy German at sight; (7) Ability to translate easy English into German, to write simple compositions, and to use the German script.

These results can be obtained by the following course, or its equivalents: —

Grammar: Deutsche Sprachlehre, by Wenckebach.

Prose Composition: German Composition, by Ch. Harris, pp. 1–54; written abstracts of lessons in conversation, and stories from the Lesebuch.

Reading: Deutches Lesebuch, by Wenckebach, pp. 1–126 and 167–247, studied according to the directions given in the preface. An easy story for practice in sight reading (*e. g.*, Meissner's Aus meiner Welt), a drama (*e. g.*, Lessing's Minna von Barnhelm), and Goethe's Dichtung und Wahrheit, three books.

Conversation: Deutscher Anschauungs-Unterricht, by Wenckebach, pp. 1–52, 78–82, 91–117, 128–161. Idioms, pp. 315–332 (see preface).

Poetry: Die Schönsten Deutschen Lieder, compiled by Wenckebach; the first five "Volkslieder," and numbers 2, 3, 8, 10, 14, 15, 18, 19, 20, 21, 22, 23, 26, 28, 30, 32, 33, 34, 37, 40, 42, 45, 46, 47, 50, 51, 52, 59, 60, 61, 62, 63, committed to memory.

The maximum preparation in German should cover a period of at least two years, five recitations per week.

MINIMUM REQUIREMENT IN GERMAN.

As the minimum requirement, a student may offer either *A* or *B*.

A. The first year of the maximum requirement, namely: —

(1) Deutsche Sprachlehre, pp. 1–150; German Composition, pp. 1–21; (2) Reading: Deutsches Lesebuch, pp. 1–125 and 167–247. Poetry committed to memory, pp. 220–224 in the Lesebuch; (3) Speaking exercises; Deutscher Anschauungs-Unterricht, pp. 1–36. Idioms, pp. 315–319.

B. The ability to read easy prose at sight.

The student should translate, with attention to the grammar, at least two hundred pages of such German texts as Andersen's Bilderbuch ohne Bilder, Fouqué's Undine, Chamisso's Peter Schlemihl.

Students meeting minimum requirement B may be admitted to a translation class (course 4, p. 37), but not to course 2 without additional preparation.

The minimum preparation in German requires at least one year, five recitations per week, and should not be crowded into a shorter time.

Equivalents will be accepted; but reading will not be taken in place of grammar, nor poetry for conversation, etc.

MINIMUM REQUIREMENT IN SCIENCE.

Any one of the three following sciences: (1) Physics, The Harvard requirement in Physics; or, the equivalent of the courses outlined in the Report of the Committee on Secondary School Studies, pp. 117–127 [National Educational Association, 1892]. (2) Chemistry, Remsen's Introduction to the Study of Chemistry, Briefer Course; or, the course outlined in

the Report of the Committee on Secondary School Studies, pp. 127–137. (3) Zoölogy: Colton's Practical Zoölogy, except those parts which involve the use of the compound microscope. The student must be able to recognize the animals, and to make the dissections described in that book.

The preparation in these sciences should cover at least one year, five recitations per week. In all the science courses, notebooks of laboratory work, certified by the teacher, are to be presented in addition to examination, or certificate of examination, upon the text.

Admission on Certificate.

Any school whose equipment and curriculum enable it to prepare students for the freshman class, upon complying with the regulations stated below, may receive the right to give to each candidate a certificate of scholarship, which shall excuse the candidate from College entrance examinations in the subjects satisfactorily covered by the certificate.

RIGHT OF CERTIFICATION.

1. The principal of a preparatory school who wishes a student to enter on his certificate in September, must apply for the right of certification *not later than the first day of the preceding April.* In response to this application a blank form will be sent, which the Principal is requested to fill out and return, sending with it a catalogue or circular of the school.

2. The school is considered to be on probation during the first year of the first candidate. The right of certification may be withdrawn at any time from any school which fails to give complete and satisfactory preparation.

CERTIFICATE OF SCHOLARSHIP.

1. The principal of the preparatory school must present a certificate of scholarship for each candidate. Blank forms will, on application, be sent to the Principal.

2. All certificates must be forwarded in time to be received at the College by July 1st, unless special arrangements have been made with the Board of Examiners. On or before August 1st each candidate will be informed of the decision with regard to her certificate.

3. All certificates must show distinctly that the candidate has met in detail the requirements as published in the current Calendar. Whenever any variation has been allowed, the work done must be specifically stated and offered as an equivalent, to be accepted or refused.

4. All certificates must be signed by the Principal of the school, and countersigned by the assistants who have instructed the candidate.

5. Supplementary certificates will not be accepted. Deficiencies upon the certificate received in July can be made good only by examination at the College.

6. Examinations in Rhetoric, History of Greece, Rome, England, and the United States, Ancient Geography, Latin Grammar, Cæsar, Anabasis, and Greek for the minimum requirement, may be held at any time before entering College. Examinations in either Algebra or Geometry, English Literature, Vergil and Prosody, Cicero, Iliad, Greek Grammar, German reading, poetry, and technical grammar for maximum requirement, French reading, poetry, and technical grammar for maximum requirement, Physics, Chemistry, and Zoölogy, may be held at any time within fifteen months of entrance in September.

Examinations in all other subjects,—*i. e.*, English Composition, Latin Prose Composition, Greek Prose Composition, French Prose Composition and Conversation for maximum repuirement, German Prose Composition and Conversation for maximum requirement, French and German minimum requirements, and either Geometry or Algebra,—must be held not earlier than twelve months before entrance in September.

7. The candidate who has received the certificate of a Principal will not be exempt from the entrance examinations in any particular subject, unless her certificate shows that she has satisfactorily accomplished the full amount of work required in that subject. Any student whose certificate is found on July 1st to be deficient in more than three final or six preliminary subjects, may be refused the privilege of taking examination the following September.

8. Candidates will not be admitted if conditioned in two, or heavily conditioned in one, of the following subjects: Latin, Greek, French, German, Mathematics, Science.

9. The student who has met all entrance requirements is qualified for immediate matriculation for the Baccalaureate degree in Arts.

All communications concerning entrance examinations and certificates should be addressed to the Secretary of Wellesley College, Wellesley, Mass.

Admission to Advanced Standing.

Candidates for advanced standing must fulfill the requirements for admission to the freshman class, and must also be prepared to be examined in the required studies previously pursued by the class which they wish to join, and in a sufficient number of electives to give full standing with that class.

Such candidates, if they come from other colleges, may present certificates of collegiate work; but it should be clearly understood that they are not necessarily thereby relieved from examinations.

Each candidate should apply for a statement of the credentials which she will need to present.

All correspondence should be addressed to the Secretary of the College.

Admission of Students not Candidates for a Degree.

Opportunities for special study are offered to students who are not candidates for a degree, but who are fitted for college work and wish to avail themselves of college libraries and laboratories. Teachers who desire to devote a year or more to study along special lines will find ample opportunity for prosecuting such work. All courses, graduate as well as undergraduate, are open to special students, subject to the conditions stated by the various departments; but every such student is expected to choose a primary subject, to which she should devote the greater part of her time, and in which she should elect two or more courses. In addition, she may pursue one or more allied subjects as secondary electives.

Any student who creditably completes a prescribed group of courses in two or more departments will be granted a certificate stating the fact. A circular describing these courses will be sent on application.

Special students cannot be lodged in the college buildings, but they may find comfortable homes in the village.

A candidate for special courses must meet, by examination or by certificate of an accredited school, the entrance requirements for the regular course or a full equivalent for them; and must also give evidence, by examination if required, of proficiency already attained in the subjects in which she desires to specialize.

Application for entrance as a special student, with all required certificates, should be forwarded to the College *before the first of June*. All correspondence should be addressed to the Secretary of the College.

EXAMINATIONS.

Entrance Examinations.

The subjects for entrance examinations are divided into three groups: preliminary, intermediate, and final.

Examinations may be taken in June or September of any year before entering College in the preliminary subjects: Rhetoric, History of Greece, Rome, England, and the United States, Ancient Geography, Latin Grammar, Cæsar, Anabasis, and the minimum requirement in Greek.

Examinations must be taken not earlier than June of the year before entrance in the intermediate subjects: Algebra or Geometry, English Literature, Vergil and Prosody, Cicero, Iliad, Greek Grammar, German reading, poetry, and technical grammar for maximum requirement; French reading, poetry, and technical grammar for maximum requirement; Physics, Chemistry, and Zoölogy.

Examinations must be taken not earlier than September of the year before entrance in the finals: English Composition, Latin Prose Composition, Greek Prose Composition, French Prose Composition and Conversation for

maximum requirement; German Prose Composition and Conversation for maximum requirement; French and German minimum requirements, and either Geometry or Algebra.

Entrance examinations are offered at the College in June and September of each year. Such examinations may be appointed in June in any city where they are desired by two or more candidates. Applications for these local examinations should be made before April 1st to the Secretary of the College.

The following is the schedule of the entrance examinations in 1897.

JUNE, 1897.

Tuesday, June 8.—Geometry, 8.30–10.15 A. M.; Algebra, 10.30 A. M.–12.30 P. M.; Composition and Rhetoric, 1.30–3.30 P. M.; English Literature, 3.30–5.30 P. M.

Wednesday, June 9.—Physics, Chemistry, Zoölogy, Physical Geography, 8.30–10.15 A. M.; French (minimum), 10.30 A. M.–12.30 P. M.; History (English or Grecian), 1.45–2.45 P. M.; German (minimum), 2.45–5 P. M.

Thursday, June 10.—Greek Grammar, 8.30–10 A. M.; Greek Prose Composition, 10.15–11.45 A. M.; Greek (minimum), 8.30–10.45; United States History, 11.45 A. M.–12.30 P. M.; German (maximum), 9–11.45 A. M.; Anabasis, 2–3 P. M.; Iliad, 3–4.30 P. M.; French (maximum), 3–5 P. M.

Friday, June 11.—Cæsar and Cicero, 9–10.45 A. M.; Latin Prose Composition, 11 A. M.–12.30 P. M.; Vergil and Prosody, 2–3.30 P. M.; Roman History, 3.45–4.45 P. M.

SEPTEMBER, 1897.

Wednesday, Sept. 15.—Geometry, 8.30–10.15 A. M.; Algebra, 10.30 A. M.–12.30 P. M.; Composition and Rhetoric, 1.30–3.30 P. M.; English Literature, 3.30–5.30 P. M.

Thursday, Sept. 16.—Cæsar and Cicero, 9–10.45 A. M.; Latin Prose Composition, 11 A. M.–12.30 P. M.; Vergil and Prosody, 2–3.30 P. M.; Roman History, 3.45–4.45 P. M.

Friday, Sept. 17.—Physics, Chemistry, Zoölogy, Physical Geography, 8.30–10.15 A. M.; French (minimum), 10.30 A. M.–12.30 P. M.; History (English or Grecian), 1.45–2.45 P. M.; German (minimum), 2.45–5 P. M.

Saturday, Sept. 18.—Greek Grammar, 8.30–10 A. M.; Greek Prose Composition, 10.15–11.45 A. M.; Greek (minimum), 8.30–10.45 A. M.; United States History, 11.45 A. M.–12.30 P. M.; German (maximum), 9–11.45 A. M.; Anabasis, 2–3 P. M.; Iliad, 3–4.30 P. M.; French (maximum), 3–5 P. M.

College Examinations.

An examination period occurs at the end of each semester. At this period, and also during the days of the entrance examinations in September, examinations for advanced standing and also for removal of conditions or

deficiencies may be taken. Students intending to take examinations either for advanced standing or for the removal of deficiencies or conditions should report to the departments concerned a week before the beginning of the examination period.

☞ The College reserves the right to require the withdrawal of students whose scholarship is not satisfactory.

DEGREES.

The following degrees will be conferred by the Trustees upon recommendation of the Academic Council :—

Bachelor of Arts.

Bachelor of Music.

Master of Arts.

Requirements for the B. A. Degree.

Every candidate for the B.A. degree must complete before graduation the equivalent of fifty-nine one-hour courses,* of which a certain number are required, the rest elective.

The following subjects are required : Mathematics, one full course ;† Philosophy, one full course ; Physiology and Hygiene, one one-hour course ;* Bible study, four one-hour courses ; English, three one-hour courses ; Language, one full course ; Natural Sciences, two full courses The science courses must be in different departments. If a student offers for entrance the minimum requirement in science, only one full course of natural science is required in College.

Of the required subjects, Mathematics must be taken in the freshman year; Physiology and Hygiene in the freshman year; Bible, one hour per week in the freshman and sophomore years, two hours per week in the junior year; English, in the freshman, sophomore, and junior years, one hour per week each year. Of the Natural Sciences, one must be taken before the junior year, the other may be elected at any time during the course; language may be taken in any year. Philosophy should be taken in the junior year, save in exceptional cases.

Except by special permission, a student may not take fewer than ten nor more than fifteen hours of work in any one year.

The candidate for the degree is also required to show before graduation that the equivalent of eighteen one-hour courses has been taken as follows :—

(a) Nine in each of two subjects, related or unrelated.

(b) Nine in one subject, with nine divided between two tributary subjects.

(c) Twelve in one subject, with six in a tributary subject.

(d) Twelve in one subject, with six divided between two tributary subjects.

In general, work done in required subjects may be counted in making up these eighteen hours: but course 1 in French, and course 1 or the first half of course 3 in German, may not be counted.

*A one-hour course is a course given once a week for one year.

†A full course is a course given either three or four times a week for one year.

Requirements for the M. A. Degree.

GRADUATE INSTRUCTION.

Wellesley College recognizes two classes of graduate students: (1) Those who are candidates for the degree of Master of Arts, and (2) those who do not make application for the Master's degree.

Graduate students who are not candidates for the Master's degree must have taken the Bachelor's degree, and must submit for approval to the Committee on Graduate Instruction, the plan of study which they wish to pursue.

Candidates for the degree of Master of Arts must be graduates of Wellesley College, or of some institution of equal standing, and must give satisfactory evidence of ability to carry on the work for the Master's degree.

The amount of work required of candidates for the M.A. degree consists of the equivalent of fifteen one-hour courses chosen from the courses described in the circular of Graduate Instruction. The student is advised to choose one major subject, and not more than two minor subjects, which should be related to the major subject.

One year is the shortest time in which a candidate can complete the work required; but it must be understood that only students of ability and maturity will be able to finish it in so short a time.

Upon completion of the work for the degree of Master of Arts, either an examination or a thesis, or both, will be required. The examination must be taken at Wellesley College during the regular examination period in June of the year in which the degree is to be conferred.

Candidates residing in the college buildings will pay the full charge for board and tuition, $400 per annum. Tuition of approved candidates for the Master's degree who are studying at Wellesley, but are not lodged in the college buildings, will be remitted on all courses chosen from the circular of graduate instruction. Upon receiving the Master's degree, a fee of twenty-five dollars will be required of each candidate. Non-resident students who meet the requirements will receive the degree of M.A., but all candidates for the degree are strongly advised to carry on their work *in residence* either at Wellesley College, or in some institution of equal rank. The time of examination and the diploma fee are the same for resident and for non-resident students.

Circulars containing fuller information concerning graduate work will be forwarded on application. Correspondence with reference to graduate instruction, should be addressed to the Chairman of the Committee on Graduate Instruction.

STUDENTSHIPS GIVING OPPORTUNITY FOR STUDY ELSEWHERE THAN AT WELLESLEY.

The American School of Classical Studies at Athens.

Wellesley College, through the generosity of Prof. E. N. Horsford, is a contributor to the support of this school, which was founded in 1882 by the Archæological Institute of America.

The object of the School is to afford opportunity for the study of classical Literature, Art, and Antiquities in Athens and Greek lands; to aid in original research in these subjects; and to conduct the exploration and excavation of classic sites.

The school year extends from October 1st to June 1st.

The regulations for admission are as follows: "Bachelors of Arts of cooperating colleges, and all Bachelors of Arts who have studied at one of these Colleges as candidates for a higher degree, shall be admitted to membership in the School on presenting to the Committee a certificate from the classical department of the college at which they have last studied, stating that they are competent to pursue an independent course of study at Athens under the advice of the Director. Members of the School are subject to no charge for tuition."* Further information can be had by application to Professor Chapin, who represents Wellesley upon the Managing Committee of the School.

The Marine Biological Laboratory at Wood's Holl.

Wellesley College is a contributor to the support of the Marine Biological Laboratory at Wood's Holl,—a region especially rich in forms of marine life both vegetable and animal. This laboratory, which is open during the summer for the study of marine life, affords opportunities both to investigators and to persons needing either instruction or direction.

In the department of Botany there are offered courses for the study of marine algæ, types of fungi, and the higher cryptogams.

In Zoölogy, regular courses of instruction are given in the anatomy of typical marine invertebrates, and of the lower vertebrates. There is also a course in the embryology of fishes, which is fitted for advanced students.

Students in either Botany or Zoölogy who desire to undertake original work will receive suitable direction. In addition to these opportunities there are courses of lectures on special subjects, which are open to all students, and also evening lectures on subjects of general biological interest.

Wellesley College is entitled to appoint annually from one to three students, who are entitled to all the advantages of the Laboratory without expense for tuition. Applications for appointment to a studentship should state the character of the work to be done,—*i. e.*, whether botanical or zoölogical, whether general work, investigation under direction, or independent investigation,—and should be forwarded to Professor Hallowell or Professor Willcox, in time to reach Wellesley before April 1st.

COURSES OF INSTRUCTION.

The following Courses of Instruction are offered by the several departments, those from which undergraduates are excluded being marked with brackets. The College reserves the right to withdraw the offer of any elective study when not chosen by at least six students.

*A few Fellowships of $600 each are awarded by competitive examination.

I. GREEK.

1. Lysias (selected orations); Plato: Apology and Crito; English into Greek, exercises based on prose read; Homer: Odyssey (selections amounting to about 2,500 verses). *Open to students who have met entrance requirements. Four hours per week for a year.* A separate division reciting three times per week may be formed for students above freshman rank.

Associate Professors Montague and Edwards.

2. Attic orators: selections; Euripides: one drama. *Open to students who have completed course 1. Three hours per week for a year.*

Associate Professor Montague.

3. Historians: selections, chiefly from Herodotus and Thucydides: Æschylus: Persians. *Open to students who have completed course 1. Three hours per week for a year.*

Associate Professor Edwards.

4. Origin and development of Greek Drama. Aristotle's Theory of Tragedy. Reading and criticism of selected dramas; Æschylus: Prometheus; Sophocles: Œdipus Tyrannus. Antigone. Electra; Euripides: Bacchæ. A study of all the extant plays of Æschylus and Sophocles is made by special topics. *Open to students who have completed two full courses. Three hours per week for a year.*

Professor Chapin.

5. History of Greek Poetry. Theory of Poetry in Plato's Ion. Lectures and readings: Homeric Hymns; Hesiod; elegiac poets; lyric fragments: Pindar; Theocritus. *Open to students who have completed three full courses. Three hours per week for a year.*

Professor Chapin.

6. Private life of the Greeks; lectures and readings: Aristophanes (selected comedies). *Open to students who have completed three full courses. Three hours per week for the second semester.*

Professor Irvine.

8. Hómer. Readings and lectures. *Open to students who have completed three full courses. Three hours per week for the first semester.*

Professor Irvine.

†10. Plato: Phædo; selections, chiefly from the Republic. The selections will be planned to elucidate some special subject as treated by Plato. *Open to students who have completed two full courses. Three hours per week for a year.*

Associate Professor Montague.

† Withdrawn for the current year.

11. Greek Syntax. A systematic study of the essential principles of Greek Syntax, illustrated by passages from various authors. Constant practice in translation from English into Greek. *This course is especially recommended to those intending to teach Greek. Open to students who have completed course 1. One hour per week for a year.*

Associate Professor Montague.

GREEK TESTAMENT.

For courses in the study of the Greek Testament, see p. 47.

II. LATIN.

1. English into Latin, Latin into English: Nixon's Parallel Extracts; Tacitus: Germania and Agricola; Letters of Cicero, selected (Tyrrell). *Open to students who have met entrance requirements. Four hours per week for a year.* A separate division reciting three times a week may be formed for students above freshman rank.

Associate Professor Hawes, Miss Fletcher.

2. Horace: Odes and Epodes. *Open to students who have had course 1. Three hours per week for the first semester.*

Professor Lord.

3. Pliny's Letters, selected. *Open to students who have had course 1. Three hours per week for the second semester.*

Professor Lord.

4. Comedy. Selected plays of Plautus and Terence. *Open to students who have had course 1. Three hours per week for the first semester.*

Associate Professor Hawes.

5. Satire. Selections from Horace, Persius, and Juvenal. *Open to students who have had course 1. Three hours per week for the second semester.*

Associate Professor Hawes.

6. Historians. Livy and Tacitus, with collateral readings from other authors. *Open to students who have had two full courses, or equivalents. Three hours per week for a year.*

Associate Professor Hawes.

*7. Philosophical Writings. Lucretius, Cicero, Seneca, selections. *Open to students who have had two full courses, or equivalents. Three hours per week for a year.*

Professor Lord.

†8. [Rhetorical Writings. Quintilian, Cicero, selections. *Three hours per week for a year.*

Professor Lord.]

* Not offered in 1896–97.

† Withdrawn for the current year.

9. Lyric, Idyllic, and Elegiac Poetry, with practice in Latin verse. *Open to students who have had three full courses, or equivalents. Three hours per week for a year.*

Professor Lord.

10. Course in Latin reading, writing, and dictation. *Open to students who have had two full courses, or equivalents. Three hours per week for a year.*

Professor Lord.

†11. Roman Constitutional History. Lectures. *Open to students from all classes in the department. One hour per week for a year.*

Professor Lord.

12. History of Roman prose literature. *Open to students who have had two full courses, or equivalents. One hour per week for a year.*

Associate Professor Hawes.

Lectures and readings of characteristic selections. A certain amount of private reading is required of the students.

III. GERMAN.*

1. Elementary Course.—Grammar, prose composition, reading, conversation, memorizing of poetry. *Three hours per week for a year.*

Associate Professor Müller, Miss Mitzlaff.

2. Elementary Course.—Topics as in course 1. *Three hours per week for a year.*

Miss Habermeyer, Miss E. Müller, Miss Mitzlaff.

3. Elementary Course.—Covering the amount of courses 1 and 2. *Six hours per week for a year.*

Miss E. Müller, Miss Habermeyer, Miss Mitzlaff.

Wenckebach's German text-books, Deutsche Sprachlehre, Lesebuch, Anschauungs-Unterricht, Die Schönsten Deutschen Lieder, and Harris's German Composition are used in the above courses. Meissner's Aus meiner Welt and Lessing's Minna von Barnhelm are read and translated. The aim of courses 1, 2, and 3 is to give the student a knowledge of elementary German grammar in the German language, ability to understand with ease spoken German, fluency in conversation upon simple topics and in translating easy German into English, and *vice versa*. Special attention is paid to the writing in German of the summaries of the topics read and discussed in the class, to the memorizing of choice lyric poetry, to the acquirement of a correct German pronunciation, and to the writing of the German script.

* Courses 1, 2 (or 3), 5–7, 11 and 12, 15 and 16, must be taken consecutively. Courses 1–15 are open to all students; courses 16–23 to juniors, seniors, and graduate students; course 22 to graduate students only.

† Withdrawn for the current year.

4. Scientific German, translation from German into English. *Open to students who have taken at least one year of German. Freshmen four hours; all other students three hours per week for a year.*

Miss Habermeyer.

The course is intended to give a reading knowledge of German through the medium of translation only, for the use of the German language in History, Literature, Natural Sciences. The choice of books will depend on the subjects taken up by the class.

5. Grammar and Composition (Intermediate Course). *Freshmen two hours; all other students one hour per week for a year.*

Miss Elsbeth Müller.

Review of elementary grammar and proficiency in more advanced grammar. Constant practice in prose composition (Harris), and letter writing.

6. Schiller (Elementary Course). *One hour per week for a year.*

Associate Professor Müller, Miss Habermeyer.

The course includes lectures, reading, translations, and the memorizing of poetry. Schiller's life, with his early dramas, is made the basis of easy lectures and discussions in German, so that the student may become accustomed to follow an uninterrupted train of thought, and learn to think connectedly in a foreign language.

7. Translation and Conversation (Intermediate Course). *One hour per week for a year.*

Associate Professor Müller, Miss Habermeyer.

The chapters on "Philosophy" and "Art" in Wenckebach's Deutscher Anschauungs-Unterricht are translated into English, and made the subject of oral discussions in German. Texts read and translated: Scheffel's Ekkehard; Grillparzer's Sappho.

8. Grammar and Composition. *One hour per week for a year.*

Miss Elsbeth Müller.

9. Grammar and Composition (Advanced Course). *One hour per week for a year.*

Miss Elsbeth Müller.

The principles of advanced grammar are continued according to the best German grammars. Constant practice in Prose Composition.

10. Translation from German into English (Advanced Course). *One hour per week for a year.*

Miss Habermeyer.

Systematic training in translating difficult German into idiomatic English. The texts read and translated will be selected from scientific, historical, or philosophical works.

11. Goethe's Life and Works. *One hour per week for a year.*

Associate Professor Müller.

Lectures, class-room discussions, essays, memorizing of poetry. Critical study of the principal characteristics of Goethe as a man, a dramatist, and a lyric

poet. Much of the time will be devoted to reading (without translation) Götz von Berlichingen, Werther, Egmont, Iphigenie, etc., and to oral discussion and criticism of the texts. Reference books: Goethe's Dichtung und Wahrheit; Bernay's Der junge Goethe; H. Grimm, Goethe.

12. Germanic Mythology and Wölsungensaga. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, recitations, and reading. The main facts of Germanic Mythology and Sagas, as found in the Edda, Grimm's Deutsche Mythologie, Dahn's Walhall and Raszmann's Die Deutsche Heldensage are treated. A knowledge of these myths and sagas furnishes a valuable basis for the understanding of the Old and Middle High German literature.

13. German Prose, historical and other novels. *One hour per week for a year.*

Associate Professor Müller.

Lectures, reading, discussions, essays. Presentation of the historical development of the German novel, in lectures. Study of the modern novel in its form, character, and relation to German life. Special study of Freytag's, Dahn's, and Scheffel's historical novels (without translation).

14. Theory of the Drama, illustrated by Schiller's, Goethe's, and Shakespeare's dramas. *One hour per week for a year.*

Professor Wenckebach.

Lectures, discussions, reading. Treatment of the historical development of dramatic poetry. Study of the structure of the drama according to Freytag's Technik des Dramas, oral and written. Analysis of Shakespeare's Romeo and Juliet, King Lear, Macbeth, and Hamlet, and of Schiller's Die Räuber, Don Carlos, Maria Stuart, Die Jungfrau von Orleans and Goethe's Iphigenie. Reference books: Carrière's Die Poesie; Kleinpaul's Poetik.

15. History of German Literature to 1100. History of the German Language. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, discussions, reading, memorizing of poetry. The aim of the lectures is to trace the parallel development of the language, literature, social conditions, and religious ideals of the times. The works read and discussed are: the Merseburger Zaubersprüche, the Hildebrandslied, the Wessobrunner Gebet, Muspilli, Selections from the Heliand, Otfried's Krist, Roswitha's dramas, the Waltharilied, etc., according to Wenckebach's Deutsche Literaturgeschichte and Musterstücke, Scherer's Geschichte der deutschen Literatur; Freytag's Bilder aus der deutschen Vergangenheit, Könnecke's Bilderatlas.

16. History of German Literature from 1100–1624. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, discussions, reading, memorizing of poetry. The method, aim, and reference books are the same as in the preceding course. Chief topics: the Nibelungenlied, the Gudrunlied, the works of Wolfram, Gottfried,

Hartmann, the Minnesingers and Meistersingers, Luther, Brant, Hans Sachs, and the Volkslied. The reading will consist of representative specimens of German mediæval prose and poetry as found in Wenckebach's Meisterwerke des Mittelalters.

17. Middle-High German. Study of the Nibelungenlied, Gudrun and Walther von der Vogelweide in the original. *Open to students who have taken courses 12 or 15. One hour per week for a year.*

Associate Professor Müller.

18. Nineteenth Century Authors. *One hour per week for a year.*

Miss Habermeyer.

Lectures, discussions, and readings. Study of the more important authors of the nineteenth century in connection with the history of German civilization. Works read: Kleist's, Grillparzer's, and Gutzkow's chief dramas, the poems of Platen, Chamisso, Uhland, Rückert, Lenau, Heine, Freiligrath, Geibel, Hamerling. Reference books: the histories of literature by Kurz, Salomon, Schröer, Gottschall, König.

19. Lessing as Dramatist and Critic. *One hour per week for a year.*

Professor Wenckebach.

Lectures, discussions, reading, essays. Treatment of Lessing's critical work in literature, theology, and æsthetics. Works read and discussed are: Minna von Barnhelm, Emilia Galotti, Nathan der Weise, the Hamburger Dramaturgie, Laokoon, Erziehung des Menschengeschlechts, Axiomata, Anti-Götze. Reference books: Esich Schmidt's Lessing, Kuno Fischer's Lessing als Reformator der deutschen Literatur, Kuno Fischer, Lessing's Nathan, Baumgart, Handbuch der Poetik.

20. Schiller as Philosopher and Writer on Æsthetics. *One hour per week for a year.*

Associate Professor Müller.

Lectures, discussions, readings. Critical study of Schiller's life and philosophic-æsthetic poems and essays. Poems read: Die Künstler, Ideal und Leben; Essays: Uber die æsthetische Erziehung des Menschen; Über naive und sentimentalische Dichtung. Reference books: Minor's Schiller; Kuno Fischer's Schiller als Philosoph, Überweg's Schiller als Historiker und Philosoph.

21. Goethe's Faust, Parts I. and II. *Two hours per week for a year.*

Professor Wenckebach.

Lectures, discussions, essays. Extensive study of Goethe's Faust (Thomas's and Schroer's editions). Reading of selections from commentators. Contrasting of the Volksbuch von Dr. Faust with Marlowe's Faustus and the Faust-Puppenspiel. Study of the genesis of Goethe's Faust. Comparison of the Göchhausen "Urfaust" and the fragments of 1790, with the completed First Part.

†22. [Deutsches Seminar. *Three hours per week for a year.*

Professor Wenckebach, Associate Professor Müller.

In this course the student will be expected to select special topics relating to some particular period of German literature, and to present the results of critical study or research in connection therewith.]

† Withdrawn for the current year.

The language of the class room is German, except in Course IV. Besides the hearing of lectures in German and the constant speaking exercises in the class room, opportunities for further practice in speaking are offered at the German tables.

There is a well-selected library of 3,315 German books, to which students in the higher German courses are constantly referred.

23. Advanced Conversation. *One hour per week for a year. Open to students who have taken courses 11 and 12.*

Professor Wenckebach.

The object of this course is to give fluency in speaking on literary, historical, and other subjects.

IV. ROMANCE LANGUAGES.

I. FRENCH.

1. Grammar, composition, reading and conversation. *Open to all students. Freshmen four hours, all other students three hours per week for a year.*

Associate Professor Pugh, Miss Schaeys, Miss Jackson.

Chardenal: Complete Course, ninety lessons; study of the regular and of the commoner irregular verbs; Bercy: Primer of French Composition; Conversation based on French history and other subjects; Dufour: Reader; Belfond: La France Littéraire au XIX^{e} Siècle, No. 3; Legouvé et Labiche: La Cigale chez les Fourmis; Marmier: Le Protégé de Marie Antoinette; Michelet: La Prise de la Bastille.

2. Grammar, composition, reading and conversation, continued. *Open to all students who have had the equivalent of course 1. Freshmen four hours, all other students three hours per week for a year.*

Associate Professor Pugh, Miss Schaeys, Miss Jackson.

Chardenal: Complete Course; Kastner: Elements of French Composition. Conversation based on biographies and selected subjects; Bercy: Variétés; Michelet: Recits d'Histoire de France; Hugo: La Chute; Labiche: Poudre aux Yeux; De Vigny: La Canne de Jonc; Molière: Le Bourgeois Gêntilhomme.

16. Reading Course. *Open to students who have met the "minimum B" admission requirement in French. Freshmen four hours, all other students three hours per week a year.*

Miss Jackson.

The object of this course is to give the student, through the medium of translation, such a knowledge of French as shall be useful in the study of History, Literature, or the Natural Sciences.

†17. Course covering in one year the work of courses 1 and 2. *Open to sophomores, juniors and seniors. Six hours per week for a year.*

† Withdrawn for the current year.

3. Grammar and Composition. *One hour per week for a year. Freshmen, two hours.* Associate Professor Pugh, Miss Schaeys.

Syntax. Drill in letter writing. French idioms. Blouet: French Composition.

4. Reading and Translation. *One hour per week for a year.* Miss Jackson.

Taine: La France Contemporaine; Voltaire: Siècle de Louis XIV.; Molière: L'Avare; Pailleron: Le Monde où l'on s'ennuie; Loti: Pêcheur d'Islande.

5. Conversation and general survey of French Literature. *One hour per week for a year.* Miss Schaeys.

Short lectures, discussions. Bonnefon: Ecrivains Célèbres.

Courses 3, 4 and 5 form together a third year course, and are open to those who have had the equivalent of courses 1 and 2.

6. Literature of the XVII. Century. *Open to students who have had the equivalent of courses 1–5. Two hours per week for a year.* Associate Professor Pugh.

Study of Classic Drama. Corneille: Le Cid, Horace, Polyeucte, Cinna, Le Menteur; Racine: Andromaque, Britannicus, Iphigénie, Athalie, Les Plaideurs; Boileau: L'Art Poétique; Molière: Les Précieuses Ridicules, Les Femmes Savantes, Le Misanthrope, Tartuffe; Stapfer: Molière et Shakespeare. Study of Moralistes. Correspondences, Mémoirs. the Fable and the Novel. Crane: Le Dix-septième Siècle en France. Selections from La Rochefoucauld: Maximes; Pascal: Pensées; La Fontaine; Saint Simon; Descartes.

7. Advanced Grammar and Composition. *Open to students who have had the equivalent of courses 1–5. One hour per week for a year.* Miss Schaeys.

Festu: French Construction. Summaries and brief essays.

6 and 7 form a fourth year course.

8 Life and Works of Victor Hugo. *Open to students who have had the equivalent of courses 1–5. One hour per week for a year.* Associate Professor Pugh.

Stapfer: Victor Hugo et Racine; Dupuy: Victor Hugo, L'homme et l'écrivain; Les Misérables, Vol. I. and further selections; Quatrevingt-Treize; Hernani, Les Burgraves; Selections from Légendes des Siècles and lyric poems. Course 8 is intended primarily for those who do not intend to elect course 10.

*9. Literature of the XVIII. Century. *Open to students who have had courses 1–6, or equivalents. Three hours per week for a year.* Associate Professor Pugh.

Lectures, discussions, summaries, essays, retranslation into French of passages selected from Voltaire, Montesquieu, Rousseau and others. First semester: Study of Literary Phases of the eighteenth century, Drama, Novel; Voltaire, Beaumarchais, Marivaux, Le Sage, Rousseau. Second semester: Study of Political and Philosophical Writers. Works read: Rousseau: Contrat Social; Montesquieu: Esprit des Lois.

* Not offered in 1896–97.

The object of this course is to give a general view of French civilization in the eighteenth century, as shown by the literature, and the social and political institutions of the time.

10. Literature of the XIX. Century. *Open to students who have had the equivalent of courses 1–6. Three hours per week for a year.*

Associate Professor Pugh.

Rise and growth of Romanticism. Chateaubriand; Mme. de Stael; Hugo; Sainte Beuve; De Musset; George Sand; De Vigny; Gautier. Naturalism. Balzac; selections from Zola and De Maupassant. Contemporary Literature. Lectures, critical reading and papers. Study of the development of the novel, the drama, lyric poetry.

11. Introductory Studies in Old French and Old French Literature. *Open on consultation with the instructor, to students who have had at least four years' work in French. Two hours per week for a year.*

Associate Professor Pugh.

Translation into modern French of: La Chanson de Roland; selections from Chrétien de Troyes; Aucassin et Nicolette; La Vie de St. Alexis. Lectures on old French phonology and philology. Study of verse forms.

History of Literature up to the beginning of the 13th century. Gaston Paris: Manuel de la littérature française du moyen age. Lectures, additional reading, papers.

†12. Practical and Theoretical Phonetics. *Open, by permission of the instructor, to students who have had the equivalent of courses 1–6. One hour per week for a year.*

Associate Professor Pugh.

Exercises in pronunciation. Theory of pronunciation. Passy. Changements Phonétiques; Sons du Français. Recitation of selections of prose and verse. Reading. Course 12 is intended primarily for those who intend to teach French.

*13. Literature of the XIII. and XIV. Centuries. *Open to graduate students who have taken the equivalent of courses 1–6, and either 11 or 15. Two hours per week for a year.*

Associate Professor Pugh.

Le Roman de la Rose. Study of Mediæval Drama; Lyric Poetry; Villon and others.

*14. Literature of the XVI. Century. *Open to students who have taken the equivalent of courses 1–6, and either 11 or 15. One hour per week for a year.*

Associate Professor Pugh.

History of the Renaissance in France; Rise of the Classical Drama; the Pleïade. Texts used: Hatzfeld and Darmsteter. Study of Italian influences.

*Not offered in 1896–97.

†Withdrawn for the current year.

*15. Middle Age Romance Literature. English Course. *Open to all students on consultation with Associate Professor Pugh. Three hours per week for a year.*

Associate Professor Pugh.

Lectures and reading. Study of Rise and Development of Epic and Lyric Literatures in France, Italy, and Spain. Intended for those who desire a knowledge of the mediæval literary movement dominated by France.

II. ITALIAN.

1. Elementary Course. *Open to all students. Freshmen four hours per week, all other students three hours per week for a year.*

Miss Jackson.

Grammar with written and oral exercises; reading and sight translation; conversation.

2. Intermediate Course. *Open to students who have taken course 1. Three hours per week for a year.*

Miss Jackson.

Grammar: prose composition; reading and translation at sight in the first semester from modern authors; in the second semester, selections from the classic authors.

†3. History of Italian Literature in the XIII. and XIV. Centuries; lectures and essays. *Open to students who have taken courses 1 and 2, or equivalents. Three hours per week for a year.*

Miss Jackson.

*4. History of Italian Literature in the XIX. Century; essays. *Open to students who have taken courses 1 and 2, or equivalents. Three hours per week for a year.*

Miss Jackson.

Courses 3 and 4 are offered in alternate years. Course 4 will not be offered in 1896–97.

5. Dante. English Course. *Open to juniors and seniors. Three hours per week for one semester.*

Miss Jackson.

Selections from the Divine Comedy (in English translations), with lectures on the history of the times. Papers and collateral reading will be required from the students. A knowledge of Italian is not required.

III. SPANISH.

†1. Elementary Course. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Pugh.

Ramsay: Spanish Grammar and Syntax; written and oral exercises; reading and translation; Valera: El Pájaro Verde; Galdos; Marianela; chapters from Doña Perfecta; Alarcón; Viajes por España; Selections from Cervantes.

* Not offered in 1896–97

†Withdrawn for the current year.

V. ENGLISH.

1. General Survey. *Required of freshmen. One hour per week for a year.*

Associate Professor Hart, Miss Jacobs, Miss Kelsey.

First semester: the elements and qualities of style; weekly themes. Second semester: Translation; description; narration; criticism. Six lectures on certain English authors regarded as masters of style. Fortnightly themes.

2. Exposition and Criticism. *Required of sophomores. One hour per week for a year.*

Miss Waite, Miss Butler.

First semester: Lectures on the structure of the Essay; analysis of various masterpieces taken as models; fortnightly themes. Second semester: Review of the various kinds of writing thus far presented; analysis of descriptions, stories, and essays, with study of structure and finish; themes once in three weeks.

3. Argumentative Composition. *Required of juniors. One hour per week for a year.*

Miss Eaton, Miss Kelsey.

Lectures once a week until February. A brief based on a masterpiece of argumentative composition; three forensics preceded by briefs; discussion of briefs and forensics.

*4. Newspaper Work. *One hour per week for the second semester. Alternative with the second semester of course 2 for students who have done superior work in the first semester of that course.*

Practice in reporting, condensing, editing; writing of editorials, topics, and reviews; study of current events.

*5. Practice in Debating. *Open to students who have taken or are taking course 3. Three hours per week for a year.*

Discussion two hours a week of topics in Economics, History, and Literature.

6. Advanced Course in English Composition. *Open to seniors. Two hours per week for a year.*

Mr. Hart.

Four themes per week. Long themes at stated intervals. Critical analysis in the class room of themes submitted.

7. Anglo-Saxon Language and Literature. Anglo-Saxon Chronicles, prose of Alfred and Aelfric; short poems, Beowulf. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Eaton.

VI. PHILOLOGY.

1. General Introduction to the Science of Language. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Professor Webster.

Study of primitive man; theories of the origin of language; phases of the development of language; origin and development of the alphabet; primitive Indo-European speech, and the home of the Aryans.

*Not offered in 1896–97.

2. Introduction to the Science of Comparative Philology. *Open to sophomores, juniors, and seniors. Three hours per week for the second semester.*

Professor Webster.

History of Philology among the Ancients; the discovery of Sanskrit; the beginnings of the Science of Comparative Philology; classification of languages; characteristics of the different groups of the Indo-European Family of languages; biographical sketch of the leading Philologians; aims and results of philological research.

*3. Comparative Grammar of Greek and Latin. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Webster.

Text-book, Giles's Manual of Comparative Philology. Works to which special reference is made throughout the course are: Victor Henry's Comparative Grammar of Greek and Latin; Delbrück's Introduction to the Study of Languages. Brugmann's Comparative Grammar of the Indo-European Languages; Paul's Principles of the History of Language; King and Cookson's Sounds and Inflections; Brugmann's Griechische Grammatik; Stolz's Lateinische Grammatik.

4. Historical Latin Grammar. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Professor Webster.

Study of sounds and inflections. Readings from Cicero.

9. Historical Latin Grammar. *Open to sophomores, juniors, and seniors. Three hours per week for the second semester.*

Professor Webster.

Study of Syntax. Readings from Quintilian.

5. Elements of Sanskrit. *Open to juniors and seniors. Three hours per week for the first semester.*

Professor Webster.

Study of declensions and conjugations; reading of easy prose and verse. Text-books: Whitney's Sanskrit Grammar; Lanman's Sanskrit Reader.

†10. Sanskrit (continuation of course 5). *Open to juniors and seniors. Three hours per week for the second semester.*

Professor Webster.

Study of Grammar: Sight reading from classical texts; study of the Vedas (selections in Lanman's Reader).

*6. Comparative Greek and Latin Grammar. (Advanced Course.) *Open to seniors. Three hours per week for a year.*

Professor Webster.

Brugmann: Comparative Grammar of the Indo-European Languages.

* Not offered in 1896–97.

† Withdrawn for the current year.

*7. Old English. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Webster.

Sievers-Cook: Old English Grammar; Cynewulf: Elene; Beowulf; history of the development of the English language; study of dialects.

*8. Comparative Grammar of the Teutonic languages. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Webster.

Not more than three of the courses offered in this department will be read in any given year.

VII. BIBLICAL HISTORY, LITERATURE AND INTERPRETATION.

I. HEBREW.

†1. Elementary Hebrew. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Woolley.

An inductive study of the elements of Hebrew and principles of syntax in connection with the text of the first eight chapters of Genesis and other selected passages. Word lists and sight translation; Harper's Introductory Hebrew Method; Harper's Hebrew Syntax. Reading from the books of the Old Testament during second semester.

II. OLD TESTAMENT.

1. Studies in Hebrew history from the settlement of Canaan to the disruption. *Required of freshmen. One hour per week for a year.*

Associate Professor Woolley.

2. Studies in Hebrew history from the disruption to the fall of Jerusalem. *Required of sophomores. One hour per week for a year.*

Associate Professor Woolley, Miss Clarke, Miss Locke.

3. Studies in Hebrew history from the Babylonian Exile to the Christian Era. *Open to juniors and seniors. One hour per week for a year.*

Miss Clarke.

III. NEW TESTAMENT.

†9. History of Christianity and the Christian Church during the first three centuries of the Christian Era. *Open to seniors. Two hours per week for a year.*

Associate Professor Woolley.

2. The Historical Development of the Word of God in the New Testament. *Open to juniors and seniors. Two hours per week for a year.*

Mr. Drown.

The thought about Christ is traced from its earliest expression in the Church, through the Epistles of St. Paul and the synoptic Gospels, to its culmination in the Gospel of St. John.

*Not offered in 1896–97.

† Withdrawn for the current year.

3. The Regenerating Life of the Christ. *Open to juniors. Two hours per week for a year.*

Professor Morgan.

The Bible presentation of the history of man's degeneration, and of the beginning of regeneration through Jesus Christ. Interpretations through modern history and literature of the Scripture accounts; the basis of the Christian religion compared with the basis of other religions.

4. Life of Christ. *Open to juniors and seniors. Two hours per week for a year.*

Miss Locke.

This course includes an outline study of the life of Christ,—his land, people, and times,—and a special study of his teachings.

8. Study of Christ in His Relation to the Law; the gospel as the law of liberty; Christ the end of the law. *Open to juniors and seniors. Two hours per week for a year.*

Associate Professor Case.

5. Greek Testament I. Life of Christ; text study of the Gospels; special study of the Gospel of St. John; lectures. An elective in Bible study for juniors. *Open to students who have completed course 1 of classical Greek. Two hours per week for a year.*

Professor Chapin.

†6. Greek Testament II. Life and writings of St. Paul; text study of the Acts and Epistles; lectures. An elective in Bible study for seniors. *Open to students who have completed course 1 of classical Greek. Two hours per week for a year.*

Professor Chapin.

†7. The Septuagint. Lectures; readings, chiefly from the Psalms. Quotations from the Old Testament in the New. *Open to students who have taken Greek Testament I. or are taking Greek Testament II. One hour per week for a year.*

Professor Chapin.

VIII. ENGLISH LITERATURE.

1. Outline History of English Literature. Lectures and recitations. *Three hours per week for a year. Open to sophomores, juniors and seniors.*

Mrs. Porter.

2. English Prose to 1830. Critical studies. *Three hours per week for a year. Open to students who have taken or are taking course 1.*

Miss Bowen.

3. Epic and Lyric Poetry in English Literature. Emphasis on Spenser. Critical studies. *Three hours per week for a year. Open to students who have taken or are taking course 1.*

Miss Jewett.

† Withdrawn for the current year.

4. Epic and Lyric Poetry in English Literature. Emphasis on Milton. Critical studies. *Three hours per week for a year. Open to students who have taken or are taking course 1.*

Miss Bowen.

5. American Literature. Lectures and themes. *One hour per week for a year. Open to sophomores, juniors and seniors.*

Professor Bates.

This course will not be offered in 1897–98.

6. Victorian Prose. Lectures, discussions, and papers. *Three hours per week for a year. Open to students who have taken, as directed below, two previous courses.*

Miss Bowen.

7. English Poetry of the XIX. Century. Lectures, discussions, and papers. *Three hours per week for a year. Open to students who have taken, as directed below, two previous courses.*

Miss Jewett.

8. English Literature of the XIV. Century. Critical study of Chaucer and Langland, with collateral work based mainly upon the publications of the Early English Text Society. *Three hours per week for a year. For conditions of entrance, see statement below.*

Miss Jewett.

9. English Drama. Critical study of Shakespeare, with the history of the antecedent English drama. *Three hours per week for a year. For conditions of entrance, see statement below.*

Professor Bates.

10. Historical Development of English Literature. *For advanced students. Three hours per week for a year. For conditions of entrance, see statement below.*

Associate Professor Scudder.

11. [Shelley and Browning. *Seminary. Three hours per week for a year.*

Associate Professor Scudder.]

*12. [English Drama. Shakespeare's contemporaries and successors. *Seminary. Three hours per week for a year.*

Professor Bates.]

*13. Poetics. Lectures and exercises. *Open to all undergraduates. One hour per week for a year*

Professor Bates.

* Not offered in 1896–97.

14. English Masterpieces of the XIX. Century. Lectures and discussions. *Open only to seniors who have taken previously no full course in English Literature, or course 1 only. Three hours per week for a year.*

Associate Professor Scudder.

*15. [American Literature. *Seminary. Three hours per week for a year.* Professor Bates.]

16. Anglo-Saxon and Anglo-Norman Literature. Rapid translation. *Open to freshmen only. Four hours per week for a year.*

Miss Bowen.

The courses are elective, with the following restrictions:—

Students proposing to elect a single course must take 1, with the exception of seniors desiring course 14, and of freshman, to whom course 16 is the only course open.

Students proposing to elect two courses should take 1 and one of the courses designed for the training of the literary sense (2, or 3, or 4), with the exception of seniors desiring course 14.

Students proposing to elect three courses should take 1, followed by 2, or 3, or 4, and finally by one of the courses illustrating the study of a literary epoch (6 or 7, or 8 or 9).

Students proposing to elect four courses will gain the fullest equipment for advanced study, or for teaching, by taking in sequence the first four or the last four of the following: 16, 8, 9, 6 or 7, 10.

Either half of any one of courses 2, 3, 4, 6, 7 may be taken as a complete semester course, by permission of the department.

The seminaries are in general open to graduate students only; undergraduates and special students are admitted in exceptional cases.

The English Literature department will furnish, on application to Miss Jewett, a pamphlet containing full description of all courses offered for 1896–97.

IX. PHILOSOPHY.

1. Psychology as Introductory to the Philosophy of Art; Elementary Studies in Æsthetics and Ethics. *Open to sophomores and juniors. Three hours per week for a year.*

Professor Morgan.

*2. The Philosophy of the Beautiful and History of Æsthetics. *Open to juniors and seniors. Three hours per week for a year.*

Professor Morgan.

Hegel's theory regarding beauty compared with other phases in the history of æsthetics; psychological investigation of the nature of imagination, with verification in the biographies of artists; application of principles of æsthetics studied in a series of compositions selected from each of the several arts: Architecture, Sculpture, Painting, Music, and Literature.

*Not offered in 1896–97.

3. The Regenerating Life of the Christ. *Open to juniors. Two hours per week for a year.*

Professor Morgan.

The Bible presentation of the history of man's degeneration, and of the beginning of regeneration through Jesus Christ. Interpretations through modern history and literature of the Scripture accounts; the basis of the Christian religion compared with the basis of other religions.

*12. The Philosophy of Religion derived through Studies in the History of Religions. *Open to students prepared by a general elementary course in philosophy. Three hours per week for a year.*

Professor Morgan.

Psychological investigation of the religious instincts and intuitions; the evolution of systems of religion; discussion of theories proposed to account for the differentiation of the historic types of religion; the embodiment of the national religion of Greece in mythology and art; the characteristics of Christianity in which it differs from all other religions.

4. Logic. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Associate Professor Ritchie.

Text-book: Minto's Logic; problems in argumentation and criticism.

*14. Applied Logic. *Open to juniors and seniors. One hour per week for a year.*

Associate Professor Ritchie.

The practical application of the rules of logic. Exercises in the construction and critical analysis of arguments, with the aim of exhibiting the methods that lead to correct, clear, and comprehensive thinking.

5. Ethics on the Basis of Psychology. *Open to juniors and seniors, and to sophomores by permission of the department. Three hours per week for a year. The work of the second semester may be taken without that of the first by students who have taken, or are taking, course 1 or 6 or 7.*

Associate Professor Ritchie.

First semester: Study of the phenomena and the laws of mind, special attention being given to the psychology of feeling and of will; second semester: lectures on ethical systems; discussion of the application of ethical principles to the problems of individual and of social life. Text-books: Ladd's Primer of Psychology and Muirhead's Ethics.

16. Social Philosophy. *Open to students who have taken, or are taking, course 1, or 5, or 6, or 7. Three hours per week for the second semester.*

Associate Professor Case.

Lectures, reports of collateral reading, an essay from each student. Preliminary study of social psychology; lectures on the development of the social organism, on social institutions, and on the relation of the social organism to its environment.

* Not offered in 1896–97.

6. Psychology as Propaedeutic to Philosophy. *Open to juniors and seniors, and to sophomores by permission of the department. Three hours per week for a year.*

Associate Professor Case.

Exercises in psychological analysis; study of elementary problems in philosophy; lectures on the relations of the various departments of philosophy to one another and to psychology. Text-book: Baldwin's Elements of Psychology.

7. Experimental Psychology. *Open to juniors and seniors, and to sophomores by permission from the department. Three hours per week for a year. By permission of the instructor the work of the second semester may be taken without that of the first.*

Associate Professor Calkins.

Lectures and discussions of the facts, the classifications, and the theories of psychology. Laboratory work under supervision; experiments in sensation, space-perception, and reaction-times, and in attention, association and memory. An essay or a report of experimental work from each student. Text-books: James's Briefer Psychology and Sanford's Course in Experimental Psychology. Additional reading from Locke, Berkeley, Hume, Mill, and contemporary psychologists.

15. Advanced Psychology. *Open to students by permission of the instructor. Three hours per week for a year. The work of the first semester may be taken without that of the second.*

Associate Professor Calkins.

First semester: Lectures and discussions on the basis of James's Principles of Psychology, Wundt's Grundzüge or Külpe's Psychology, and selected chapters and essays from psychological monographs and journals. Second semester: Individual investigation of special topics.

8. General history of Philosophy. *Open to students who have taken, or are taking, course 1 or 5 or 6 or 7. Three hours per week for a year. By permission of the instructor the work of either semester may be taken without that of the other.*

Associate Professor Case (first semester); Associate Professor Ritchie (second semester).

Lectures on the development of thought in Europe, collateral reading, class discussions, occasional essays. First semester: ancient and mediæval philosophy; second semester: modern philosophy. Reference to various histories of philosophy, especially to those of Zeller, Burnet, Windelband, Erdmann, and Schwegler. Selections from Plato (Theaetetus entire), Descartes, Leibnitz, Berkeley, and Kant.

9. British and German Philosophy of the Seventeenth and Eighteenth Centuries. *Open to students who have taken, or are taking, course 1 or 5 or 6 or 7. Three hours per week for a year. By permission of the instructor the work of the second semester may be taken without that of the first.*

Associate Professor Calkins.

Lectures and discussions. Text study of Locke's Essay concerning Human Understanding (in part); Berkeley's Principles of Human Knowledge; Hume's

Treatise on Human Nature, Book I.; Kant's Critique of Pure Reason, and Critique of Practical Reason. Reference to the work of Fichte, Schelling and Hegel. An essay from each student on some topic of the Critique of Pure Reason.

10. Greek Philosophy. *Open to students who have taken, or are taking, course 8 or 9. Three hours per week for a year.*

Associate Professor Calkins.

Lectures, reports of special study, discussions. Text study of fragments of pre-Socratic philosophers (Ritter and Preller); of Plato (Jowett's translation): Theaetetus, Phædo, Sophist, Parmenides (in part), Symposium, Phædrus and Republic; of Aristotle: Metaphysics (Bonitz or MacMahon), books 1, 6, 7, 8, 10 and 11, Nichomachean Ethics (Welldon), books 1–4 and 10; Psychology (Watson). Brief study of later Greek Philosophy.

*11. German Philosophy. *Open to students who have taken, or are taking, course 8 or 9. Three hours per week for a year.*

Associate Professor Ritchie.

Lectures, reports of special study, discussion. Text study of Leibnitz: Monadology and New Essays (in part); of Kant: selected essays and letters of the pre-critical period, Critique of Pure Reason, with comparison of editions 1 and 2, Metaphysic of Ethics, Critique of Practical Reason, Critique of Judgment (selections); of Fichte: Lectures on the Science of Knowledge, edition of 1794 (with individual study of the later works); of Schelling: Vom Ich, or selections from the Transcendentale Idealismus; of Hegel: selections from the Philosophy of Mind or from the Logic.

Either the Kantian or the post-Kantian part of this course may be extended to occupy most of the time.

It is not expected that courses 10 and 11 will both be given in the same year.

13. Philosophical Seminary. *Open to students by special permission from the instructor. Three hours per week for a year.*

Associate Professor Ritchie.

Subject of the course varied from year to year; in 1896–97, the Ethics of Aristotle, Spinoza and Kant.

Candidates for the Bachelor's degree must select the course required in philosophy from the four numbered 1, 5, 6, 7 above.

X. HISTORY AND ECONOMICS.

1. HISTORY AND POLITICAL SCIENCE.

‡ 1. Political History of England. *Open to all undergraduates. Freshmen four hours, all others three hours per week for the first semester.*

Miss Locke.

‡ 2. Political History of the United States. *Open to all undergraduates. Freshmen four hours, all others three hours per week for the second semester.*

Miss Locke.

Courses 1 and 2 aim to acquaint the student with the history of the English race in England and America. The subjects discussed are the political, social, and industrial conditions in relation to race development.

*Not offered in 1896–97.

‡ Courses 1 and 2, or 3 are prerequisite to later election.

‡3. History of Western Europe, from the Teutonic invasions through the Thirty Years' War. *Open to sophomores. Three hours per week for a year.*

Dr. Henderson.

This course furnishes an outline of mediæval and early modern history, and deals with the simpler political and social problems. It aims to train students in methods of historical work, and to furnish a background for detailed study of particular epochs.

4. History of the French Revolution. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Coman.

The course involves (1) an introductory discussion of the causes of the Revolution as developed in the reign of Louis XV.; (2) a detailed study of the progress of the Revolution; and of the reaction against democratic tyranny culminating in Imperialism; (3) an inquiry into the influence of revolutionary ideas in the subsequent history of France, Germany, Italy, Spain, and Russia.

5. Constitutional History of England to 1601. *Open to juniors and seniors. Three hours per week for the first semester.*

Associate Professor Kendall.

A study of the origin and early development of the English constitution. Stubbs is the principal authority. The class has recourse to the text of charters and laws.

6. Constitutional History of England from the accession of the Stuarts. *Open to juniors and seniors. Three hours per week for the second semester.*

Associate Professor Kendall.

A study of the later development of the English constitution, the rise of party and cabinet government, and the establishment of popular control.

7. Constitutional History of the United States from 1787. *Open to juniors and seniors. Three hours per week for the second semester.*

Associate Professor Kendall.

A study of the formation, development, and operation of the constitution of the United States. The exercises consist of lectures by the instructor, and reports by the students on topics assigned for individual study. Time is reserved by the instructor for conference with each student. Mooted questions are discussed by the class as a whole.

*8. History of European Civilization. *Three hours per week for a year.*

A philosophical study of the social development of Europe, with special emphasis on the evolution of governmental institutions.

*Not offered in 1896–97.

‡Courses 1 and 2, or 3 are prerequisite to later election.

9. History of Modern Germany, with special attention to the reign of Frederick the Great and to the work of Bismarck. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Dr. Henderson.

The period covered will be from the Peace of Westphalia through the reign of William I.

*10. Origin of American institutions. *Open to students who have taken courses 5 and 6 or 5 and 7. Three hours per week for the first semester.*

Associate Professor Kendall.

The aim of this course is the investigation of the origin and early development of American institutions, based on a study of original sources. To each student will be assigned a topic for special investigation. The exercises will consist of lectures by the instructor and the analysis and discussion of important documents by the class.

11. Political Science. *Open to juniors and seniors. Three hours per week for the first semester.*

Associate Professor Kendall.

This is an introductory course in the comparative study of the origin, character, development, and aim of political institutions. The work will take the form of lectures and discussions, with parallel readings. In addition, each member of the class will be expected to write a thesis on some subject assigned to her for special study.

*12. Constitutional Law of the United States. *Open to students who have taken courses 5 and 6 or 5 and 7. Three hours per week for the second semester.*

Associate Professor Kendall.

The work of this course is based on a study of selected cases illustrating and interpreting the Constitution. Lectures by the instructor will give a general view of the principles of American constitutional government. In addition, there will be class-room discussions of controverted points.

II. ECONOMICS.

1. Elements of Economics. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Professor Coman.

An introductory course, designed to train the student to apprehend and analyze industrial phenomena.

2. Industrial History of the United States. *Open to sophomores, juniors, and seniors who have taken course 1. Three hours per week for the second semester.*

Professor Coman.

A study of the national development in its material and social aspects accompanied by a critical review of our economic legislation, commercial and financial.

*Not offered in 1896–97.

3. Industrial History of England. *Open to juniors and seniors who have taken courses 1 and 2. Three hours per week for the first semester.*

Professor Coman.

A study of the successive phases of industrial organization, with a view to tracing this aspect of social evolution.

4. Socialism. *Open to sophomores, juniors, and seniors who have taken courses 1 and 3. Three hours per week for the second semester.*

Professor Coman.

This course involves (1) an inquiry into the origin of the movement toward social and industrial reconstruction in the theories of Rousseau and the aspirations of the French Revolution; (2) a discussion of the influence of Saint-Simon and the social Utopias of Cabet, Fourrier, and Owen; (3) a study of contemporary socialism, as represented in the writings of Carl Marx and in the industrial revolutions organized by Louis Blanc and Lasalle.

5. Statistical Study of Certain Economic Problems. *Open to juniors and seniors who have taken courses 1 and 2. Three hours per week for the first semester.*

Professor Coman.

The course is introduced by lectures on the principles of statistical research. Each member of the class undertakes the investigation of a particular problem, and reports the results of her inquiry to the class. The graphic method of presenting statistical results is emphasized. No single authority can be recommended. The United States Census, the Census of Massachusetts, the statistical reports of the Treasury Department, the reports of the National and State Labor Bureaus, furnish the statistical data.

6. Social Pathology. *Open to juniors and seniors who have taken courses 1, 2 and 5. Three hours per week for the second semester.*

Professor Coman.

A study of the defective, dependent, and delinquent classes, accompanied by discussion of methods of dealing with each. Courses 5 and 6 are primarily for graduate students.

XI. MATHEMATICS.

1. Solid Geometry (Chauvenet); Higher Algebra (Hayes); Plane and Spherical Trigonometry (Hayes). *Required of freshmen. Four hours per week for a year.*

Associate Professors Chandler and Burrell, Miss Pendleton, Miss Chase.

2. Plane Analytical Geometry (C. Smith). *Open to students who have had course 1. Three hours per week for a year.*

Associate Professor Chandler.

3. Differential and Integral Calculus; History of Mathematics. *Open to students who have had course 2. Three hours per week for a year.*

Professor Hayes.

4. Theory of Equations, with Determinants (Burnside and Panton). *Open to students who have had course 3. Three hours per week, first semester.*

Associate Professor Chandler.

5. Solid Analytical Geometry (C. Smith). Prerequisite: course 3, and the elements of Determinants. *Three hours per week, second semester.*

Associate Professor Chandler.

6. Dynamics. *Open to students who have had course 3. Three hours per week for a year.*

Professor Hayes.

A general introduction to the subject of Dynamics, followed by Celestial Mechanics or Thermodynamics.

†7. Theoretical Astronomy. *Open to students who have had course 6. Three hours per week for a year.*

Professor Hayes.

Theory of the determination of orbits; determination of a parabolic orbit; Method of Least Squares; Perturbations.

Text-book: Watson's Theoretical Astronomy. For reference: Gauss's Theoria Motus; Oppolzer's Lehrbuch zur Bahnbestimmung; Dziobek's Planeten-bewegungen.

8. Projective Geometry. *Open to seniors who have had course 2. Three hours per week for a year.*

Associate Professor Burrell.

†9. Descriptive Geometry. *Open to seniors who have had course 1. Three hours per week for a year.*

Professor Hayes.

†10. Differential Equations. *Open to students who have had courses 4 and 5. Three hours per week for a year.*

Associate Professor Chandler.

11. Principles of Inference. *Open to juniors and seniors. One hour per week for a year.*

Professor Hayes.

This course is especially designed for students of mathematics and of science.

XII. CHEMISTRY.

1. General Chemistry. *Open to all undergraduates. Freshmen four hours per week for a year. All other students, three hours per week for a year.*

Professor Roberts, Miss Bragg, Miss Parker.

Course 1 is for beginners in Chemistry, and is intended to familiarize the student with the important properties of the elements—especially the non-metallic ones—and their compounds, with their modes of preparation, and with such tests as

† Withdrawn for the current year.

shall lead up to the study of systematic Qualitative Analysis; also to present the laws governing chemical reactions, the meaning of chemical equations, and the more recent theories adopted in the science.

All of the more simple experiments are performed by the student herself in the laboratory.

2. Qualitative Analysis. *Open to students who have completed course 1. Three hours per week for the first semester.*

Miss Bragg.

This course supplements course 1 by presenting the properties and characteristic reactions of the metallic elements. Practical methods of separating and recognizing the elements present in simple mixtures are taught, and the progress of the student is constantly tested by the examination of commonly occurring substances, the exact composition of which is unknown to the student.

3. Organic Chemistry. *Open to students who have completed course 1. Three hours per week for the second semester.*

This course is necessarily brief, and is limited to the study of the characteristics of the most common classes of the carbon compounds, these characteristics being illustrated in the laboratory or lecture room by the behavior of some well-known representative of each class.

4. Qualitative Analysis. *Open to students who have completed course 1. Three hours per week for a year.*

Professor Roberts.

5. Quantitative Analysis. *Open to students who have completed course 1 and 2 or 4. Three hours per week for the second semester.*

Miss Parker.

In this course a few typical processes involving both volumetric and gravimetric methods will be taught, to illustrate general principles of Quantitative Analysis.

†6. Advanced Quantitative Analysis. *Open to students who have completed course 5. Three hours per week for the first semester.*

Miss Parker.

This course is a continuation of course 5, and deals with more special methods of work and practical applications.

7. Organic Chemistry, with laboratory work in organic preparations. *Open to students who have completed two years' work in Chemistry. Three hours per week for a year.*

Professor Roberts.

8. Theoretical Chemistry. *Open to students who have completed course 1. Three hours per week for the first semester.*

Professor Roberts.

†9. Stereo-Chemistry and Thermal Chemistry. *Open to students who have completed courses 7 and 8. Three hours per week for the second semester.*

Professor Roberts, Miss Parker.

† Withdrawn for the current year.

XIII. PHYSICS AND PHYSICAL ASTRONOMY.

1. General Physics. *Open to sophomores, juniors, and seniors. Two hours per week for a year.*

Associate Professor Maltby, Miss Chase.

Intended for students who are beginning Physics.

Lectures with class exercises and problems. The lectures outline the subjects included under both Mass Physics and Æther Physics, and are amply illustrated by experiment.

2. Physical Laboratory. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Miss Chase.

The laboratory experiments are mostly quantitative, and are arranged to acquaint the student with exact measuring instruments, to verify the most important laws, and to teach mathematical and graphical methods of discussing the results of observations.

Courses 1 and 2 should usually be taken together.

3. Sound, Heat, Light, and Electricity. *Open to juniors and seniors who have taken courses 1 and 2, also to sophomores who have taken an approved course in a secondary school. Three hours per week for a year.*

Associate Professor Maltby.

This work is arranged in two divisions: one for students who have taken courses 1 and 2; the other for those who have taken a course in a preparatory school.

The course is intended, by experimental work and consultation of original memoirs, to acquaint the student with the methods of original investigation: also to give practice in the preparation of subjects and their presentation before others, with suitable illustration.

The course is desirable for all who wish to prepare to teach Physics.

†4. Light, and other selected subjects, mathematically treated. *Open to seniors who have taken Analytical Geometry and Calculus. Three hours per week for a year.*

Associate Professor Maltby.

†5. Electricity. *Open to students who have had courses 1 and 2. Three hours per week for a year.*

Associate Professor Maltby.

*6. Meteorology. *Open to sophomores, juniors, and seniors. Three hours per week for one semester.*

Professor Whiting.

Text-book: Davis's Meteorology. The course is accompanied by constant reference to original papers, by the solution of inductive problems from the weather maps and records of observations. Familiarity is gained with the use of standard instruments, including the self-recording thermometer, barograph, anemometer, and ammoscope.

* Not offered in 1896–97.

† Withdrawn for the current year.

*7. Physical Astronomy. *Open to sophomores, juniors, and seniors. Three hours per week for one semester.*

Professor Whiting.

The lectures are accompanied by frequent observations of the heavens with a four and one-half inch telescope. Spectroscopic astronomy is illustrated by laboratory work with the sun spectrum and the spark spectrum.

An elementary course in Physics, either in college or in a secondary school, is prerequisite to courses 6 and 7.

8. Physical Chemistry. *Open to students who have had one year of Physics and one year of Chemistry.*

Associate Professor Maltby.

XIV. GEOLOGY AND MINERALOGY.

1. Geology. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Niles, Miss Fisher.

Lectures, recitations, and field-work. Subjects treated: advanced Physical Geography, Dynamical Geology, Structural and Historical Geology.

2. Mineralogy. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Miss Fisher.

Lectures and recitations. Laboratory study of sets of specimens of the more important mineral species. Blow-pipe analysis. A reference collection is always available for students' use.

†3. Palæontology. *Open to students who have taken, or are taking, course 1; also to students who have taken general Zoölogy. Three hours per week for the second semester.*

Miss Fisher.

Laboratory study of the more important fossils.

XV. BOTANY.

1. General Morphology and Principles of Classification. *Open to all undergraduates. Three hours per week for a year.*

Professor Hallowell, Associate Professor Cooley, Miss Evans.

Exercises in elementary Vegetable Physiology. A herbarium of fifty species is required.

2. Cryptogamic Botany. *Open to students who have taken course 1. Three hours per week for a year.*

Associate Professor Cummings.

Study of types of all the more important groups of flowerless plants, preceded by a brief course in elementary Vegetable Histology.

*Not offered in 1896–97.

†Withdrawn for the current year.

*3. Systematic Botany (advanced work) and Economic Botany. *Open to students who have taken course 1. Three hours per week for a year.*

This course includes special study of the more difficult orders of flowering plants, with mosses and ferns; determination of dried specimens; report upon the flora of some assigned locality; and investigation of the useful products of plants. A paper is required on some important order not studied in class, illustrated by specimens collected in the vicinity.

4. Medical Botany. *Open to students who have taken courses 1 and 2. Three hours per week for a year.*

Associate Professor Cooley.

Microscopical examination of the typical and important roots, rhizomes, stems, leaves, barks, and fruits of the Pharmacopœia.

This course is intended to give familiarity with the botanical characters of the more common medicinal plants, thus aiding in the identification of the crude drugs derived from them, and in the detection of adulterations. The active principles of such drugs, and peculiar modes of action, are also investigated.

5. Vegetable Histology and Physiology; microscopy. *Open to students who have taken courses 1 and 2. Three hours per week for a year.*

Professor Hallowell.

Cell structure and the study of tissues; practical experiments and original investigations. Twenty-five mounted slides are required.

A knowledge of the elements of Physics and Chemistry is very desirable for this course.

6. Plant Biology. *Open to students who have taken course 1. Three hours per week for a year.*

Associate Professor Cummings.

Gross anatomy, histology, and physiology of a series of plants, considered as types, proceeding from the simpler to the more complex organisms. Special attention will be given to tracing the development of organs and the evolution of forms.

†7. Embryology and other special topics. *Open to students who have taken courses 1, 2, and 5. Three hours per week for a year.*

Professor Hallowell.

This course is to be pursued with a view to original research and a thorough acquaintance with the literature of the subject.

8. Advanced Cryptogamic Botany. Systematic study of any chosen group or groups of Cryptogams. *Open to students who have taken courses 1 and 2. Three hours per week for a year.*

Associate Professor Cummings.

Candidates for courses 7 and 8 should have a good reading knowledge of French and German.

The instruction in all courses of the Botanical Department is given through practical work in the laboratory, accompanied by explanatory lectures. Three appointments per week, one hour and a half each.

* Not offered in 1896–97.

† Withdrawn for the current year.

Students sketch all the objects studied.

Instructors and students meet statedly for the discussion of recent discoveries in botanical science.

XVI. ZOÖLOGY AND PHYSIOLOGY.

1. General Biology. *Open to freshmen and sophomores. Freshmen four hours, all other students three hours per week for a year. Each classroom exercise followed by a laboratory appointment.*

Miss Hubbard.

Brief series of lectures on the laws and principles which govern all life, whether plant or animal, illustrated partly by laboratory work and partly by out-of-door study of living things in their natural conditions and surroundings; detailed study of the anatomy and biology of the crayfish and of the bean, and a comparison between the two; brief comparative study of a unicellular plant, a mould, a moss, a fern, a unicellular animal, hydra, a leech, a snail.

This course is intended to train students in habits of observation and in methods of work, and, laying stress on the points of agreement between plants and animals, to make clear the fundamental unity of all living things.

2. General Zoölogy. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Each classroom exercise followed by a laboratory appointment.*

Dr. Claypole.

Comparative study of all the great groups (types) of animals, beginning with unicellular organisms and concluding with mammals. Also a brief study of the embryology of the chick.

This course is intended to give familiarity with the outlines of animal structure and to present the morphological argument for evolution.

Courses 1 and 2 together will meet the admission requirement in biology of the Johns Hopkins Medical School.

3. Anatomy of the Cat. *Open to students who have taken course 2. Three hours per week for the first semester.*

Dr. Claypole.

This course is intended to train students in careful dissection. It is especially fitted for those who intend to study medicine. Constant reference will be made to human anatomy, and a considerable lightening of the ordinary course in that subject in a medical school can be effected by taking this work. Students must be able to work independently, as a small amount only of supervision will be provided.

4. Embryology of the Chick. *Open to students who have taken course 2. Three hours per week for the second semester.*

Dr. Claypole.

This course follows closely the lines of Foster and Balfour's "Elements of Embryology." Instruction is given in the methods of preparing and mounting embryos, making serial sections, and so forth. Students must be able to work independently, as a small amount only of supervision will be provided.

*5. Systematic Zoölogy. *Open to students who have taken course 2. Three hours per week for a year.*

Mr. Morse.

Classification of animals; study of habits; readings in natural history; excursions to neighboring museums.

*6. Philosophical Zoölogy. *Open, under the advice of the Professor, to students who have taken course 2. Three hours per week for a year.*

Professor Willcox.

Readings and discussions of Darwin, Spencer, Wallace, Weisman, and kindred authors. One careful paper on a biological subject prepared by each student.

*7. Pedagogics of Zoölogy. *Open to students who have taken two courses in Zoölogy. Three hours per week for one semester.*

Professor Willcox.

Discussion of various methods of teaching zoölogy. Practice in working up and presenting lectures on given topics. Training in the use of reference books and original authorities. Students must be able to work independently, as a small amount only of supervision will be provided.

9. Animal Histology and Histological Technique. *Open to students who have taken course 2. Three hours per week, also three laboratory appointments per week, for a year.*

Miss Claypole.

Lectures on cellular histology and physiology. Laboratory work, including study of prepared specimens and methods of histological preparation. Student lectures. A small piece of individual investigation is required of each student.

The first semester of this course may, with the advice of the department, be taken independently, or combined with course 4 instead of with the second half of course 9.

10. General Physiology. *Open to juniors and seniors. Three hours per week, also three laboratory appointments per week, for a year.*

Miss Claypole.

Lectures and laboratory work dealing with experimental and theoretical questions in physiology, such as the structure and action of muscle, nerves, blood vessels, the heart, blood, the formation and action of digestive juices, excretion, metabolism, the special sense organs, the brain, etc. Each student arranges and uses the apparatus necessary for almost all experiments; but some of the more difficult are performed by the instructor assisted in turn by the different members of the class.

Apparatus needed by students in this Department.—Microscopes, reagents, etc., are provided by the College. A limited number of sets of dissecting instruments are owned by the College, and may be rented for a small fee.

HYGIENE.

1. Physiology and Hygiene. *Required of freshmen. One hour per week for a year.*

Miss Sherrard.

Lectures, demonstrations and quizzes.

* Not offered in 1896–97.

XVII. * DOMESTIC SCIENCE.

The course consists of lectures and practical work. The lectures treat of the house, and its foundations and surroundings from a sanitary as well as architectural standpoint; the mechanical apparatus of the house, heating, lighting, ventilation, drainage, including methods of testing their efficiency; furnishing and general care of a house, including what might be called applied physiology, chemistry of food and nutrition, and the chemistry of cleaning; food and clothing of a family; relation of domestic service to the general question of labor, with a discussion of present conditions and proposed reforms.

The practical work includes visits of inspection, accompanied by the instructor, to houses in process of construction, of good and bad types, both old and new; visits to homes where the housekeeper has put in practice some or all of the theories of modern sanitary and economic living; conferences with successful and progressive housekeepers; practical work in the laboratory. A knowledge of chemistry and physics is essential.

XVIII. PEDAGOGICS.

1. Pedagogics and Didactics. *Open to seniors. Three hours per week for a year.*

Professor Wenckebach.

The history of educational theories. The chief educational works of Bacon, Montaigne, Comenius, Locke, Rousseau, Pestalozzi, Herbart, Frœbel and Spencer, will be read by the student, and past and present theories of education compared in a series of papers.

The science and art of education. Lectures on the philosophy of education. Study of child nature, and the laws of its development. Discussion of principles underlying the science and art of education, and of current educational problems.

The art of teaching and government. Lectures on the theory and practice of teaching. Methods of teaching the rudiments. Special attention given to the kindergarten system. Methods of government and instruction in primary, intermediate, and higher school grades. Discussions on the practical exemplification of principles. "Development Lessons" given by members of the class and criticised by instructor and students.

The library contains the chief German and English works on the science and art of education, a small collection of text-books, and the most important periodicals.

In addition to course 1, special instruction in methods of teaching sciences, languages, philosophy and history will be offered in various departments.

XIX. BIBLIOGRAPHY.

1. Bibliography. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Miss Godfrey.

This course aims to familiarize the student with the best bibliographical works and with library methods and catalogues; to teach the best method of reaching the

* Not offered in 1896–97.

literature of a special subject, and to furnish important bibliographical lists likely to prove valuable in future study. It will prove especially helpful taken in connection with courses 2, 6, 7, 9, 12 in English literature, courses 2, 7, 8, 9 in philosophy, and in all courses in history and economics.

XX. ELOCUTION.

1. Training of the Body and Voice. *Open to sophomores, juniors and seniors, and to freshmen by special permission. One hour per week for a year.*

Miss Bennett.

Body; poise and bearing. Voice; correct method of breathing, etc. Reading with special reference to a good use of the voice. Recitations.

3. Training of the Body and Voice. Expression. *Open to students who have taken course 1, or an equivalent course. Three hours per week for a year.*

Miss Bennett.

Voice culture; exercises for freedom of body; gesture; recitations from the best authors; reading at sight.

6. Shakespearean Reading. *Open to students who have taken courses 1 and 3, and who have taken, or are taking, literature 9; others at the discretion of the instructor. One hour per week for a year.*

Miss Bennett.

Scenes selected for memorizing.

XXI. ART.

1. Outlines of Greek Art with especial reference to Architecture and Ceramics. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Dr. Walton.

2. Greek Sculpture. *Open to students who have taken course 1 as above or course 1 in History of Art, Calendar of 1895–96. Three hours per week for the second semester.*

Dr. Walton.

Lectures upon different subjects, open to all, will be arranged from time to time.

XXII. MUSIC.

Candidates for the B.A. degree may take music throughout their course, but five years will in this case be required to complete it. Such students may select any one of three courses of instruction,—the Pianoforte, the Organ, or the Voice. Lessons on the harp, violin, viola, and violoncello are subject to special arrangements.

Students in the *regular musical course* may devote all their time music, except that which is given to two academic studies and the required course in Bible. Candidates for admission to this course must meet requirements I., II., III., IV., pp. 21, 22, and must also present the maximum preparation in either Latin, Greek, French, or German.

Special students may arrange for courses combining greater or less amounts of music and academic work. The requirements for admission are the same as for the regular musical course.

Those who are suitably qualified may pursue musical studies exclusively, without being otherwise connected with the College. For such students special arrangements will be made.

The Department of Music occupies Music Hall, which contains thirty-eight music rooms, and a hall for lectures and choral singing. Thirty-seven pianos and two organs are furnished for the use of students. The Chapel Organ, presented by Mr. W. O. Grover, has three manuals, each of sixty-one notes, a pedal of thirty notes, and twenty-six speaking registers. It contains 1,584 pipes.

Degree.

The degree of Mus.B. will be given on completion of a course laid out for that degree. Details of this course will be supplied on application to the head of the department.

Certificate.

Any student in the College who completes any one of the following courses of study will receive the certificate of the department of music.

A. Piano: two lessons a week for five years,* with four periods of practice daily for five days each week.‡
Harmony: two lessons a week for two years. See page 69.
Musical History.
Academic Courses: one of which shall be a modern language, six hours a week throughout the course.
Bible Study: four one-hour courses.

B. Organ: two lessons a week, with daily practice as in piano study, for five years.*
The remainder of the course is the same as course A, omitting piano.

C. Voice: two lessons a week, with daily practice as in piano study, for five years.* In other respects this course is like course A, omitting

* Students who have at the time of entering a considerable knowledge of music may be able to complete the work necessary for a certificate in less than five years.

‡ Candidates for the B.A. degree, who take music, practice two periods daily; students in the regular musical course, four periods.

the piano, except that one year of Italian is required. It is desirable to take the Italian as early as possible, that the benefit of the study may be had throughout the course.

Violin, Viola, Violoncello, Harp, or any orchestral instrument may be made a specialty instead of the above-mentioned principal studies.

Full details are appended.

☞ Students intending to apply for a certificate in the musical course must give at least a year's notice. Piano and organ students will in all cases spend the last year under the tuition of the Professor of Music. Voice and Organ students are not obliged to spend the required four periods upon their specialty alone, but may combine with that some other branch of musical study.

A—Course of Study for the Pianoforte.

Selections equal to about one half the entire amount, from the following works or their equivalents :—

FIRST YEAR.

Etudes.

Plaidy's Technical Studies; Emery's "Head and Hands"; Czerny, Op. 849; Köhler's Primary Studies, Op. 50; Duvernoy's Etudes de Mécanisme; Köhler, Op. 60; Heller, Préludes, Op. 119; Bertini, Op. 100; Heller, Op. 47; Krause, Op. 4; Emery's Studies in Presto Scales; Loeschhorn, Op. 66; Easy Studies by Eschmann and Oscar Weil; eighteen little preludes by Bach.

Pieces.

Sonatinas and other simple works by Krause, Reinecke, Merkel, and Gurlitt; Clementi, Op. 36; easier sonatas of Haydn and Mozart; Beethoven, sonatinas, Op. 49, Nos I. and II., Op. 79; short pieces by Hummel, Dussek, Schubert, Schumann, Gade, and other classical writers; easy selections from the best modern composers; Mendelssohn's Op. 72, and Songs without Words; practice in four-hand playing.

SECOND YEAR.

Etudes.

Bertini, Ops. 29 and 32; Czerny, Op. 299, Velocity studies, three books: Krause, Op. 2, trill studies; Op. 5, two books; Op. 9, studies in broken chords: Moscheles' preludes; Clementi's preludes and exercises; Heller, Ops. 46 and 45: Bach's Two-part Inventions; Continuation of Emery and Plaidy; Mason's Accent Exercises.

Pieces.

Sonatas of Haydn, Clementi, and Mozart; Beethoven, Op. 2, No. I.; Op. 10, Nos. I. and II.; Op. 14, Nos. I. and II.; Rondos, Op. 51, Nos. I. and II., easy variations; Mendelssohn's Songs without Words; Caprices, Op. 16, and other short pieces; selections of moderate difficulty from Hummel, Dussek, Schubert, Krause, Kiel, Bargiel, Jadassohn, Reinecke, Nicodé, and other modern composers; four-hand playing.

THIRD YEAR.

Etudes.

Czerny, Op. 740, three books; Cramer (Bülow edition), first half; Clementi's Gradus ad Parnassum (Tausig edition), first half; Carl Mayer, Op. 305; Krause, Op. 15, studies for the left hand; Eschmann, Op. 16; Heller, Art of Phrasing, Op. 16; Technics, by Plaidy, Emery, and Tausig.

Pieces.

The more difficult Sonatas of Haydn, Mozart, Clementi, and Dussek; Beethoven, Op. 2, Nos. II. and III.; Op. 7; Op. 10, No. III.; Op. 13; Op. 26; lesser works of the Bachs, Scarlatti, and other ancient writers; moderately difficult selections from Mendelssohn, Chopin, Schumann, and writers of the romantic school. Bach's Preludes and Fugues; French Suites.

FOURTH YEAR.

Etudes.

Czerny, Op. 740, continued; Cramer (Bülow), continued; Clementi (Tausig), continued; Moscheles, Op. 70, two books; Kullak's Octave School; Chopin, Op. 25; Bennett, Op. 11; Mayer, Op. 119; Grund, Op. 21; Bach's Preludes and Fugues.

Pieces.

The difficult Sonatas of Hummel and Dussek; Suites and other pieces of Händel; English Suites of Bach; Beethoven, Sonatas, Op. 22; Op. 27, Nos. I. and II.; Op. 28 and Op. 31, Nos. I., II., and III.; Concertos, by Dussek, Hummel, and Mozart; Preludes and Fugues, Rondos and Caprices, of Mendelssohn; Impromptus of Schubert; Preludes, Impromptus, and shorter pieces of Chopin; Noveletten and Fantasiestuecke of Schumann; Selections from the best recent composers; Ensemble playing.

FIFTH YEAR.

Etudes.

Henselt, Op. 2 and Op. 5; Toccatina, Op. 25; Baermann, Op. 4; Chopin, Op. 10; Hans Seeling, Op. 10, two books; Toccatas, by Czerny, Schumann, Rheinberger, and others; Bach's Preludes and Fugues; Schumann's Etudes Symphoniques.

Pieces.

Schubert's Sonatas; Beethoven, Op. 53, Op. 57, and Op. 81; the more difficult Variations; Concertos, Nos. III. and IV.; Mendelssohn's Concertos and other concerted works; Variations; Chopin's Variations, Rondos, Ballades, and Scherzi; also the difficult Polonaises and Fantasies; Concert pieces of Rheinberger, Liszt, Saint-Saëns, Raff, Scharwenka, Nicodé, Pabst, Moszkowski, and others.

B—Course of Study for the Organ.

FIRST YEAR.

Manual playing in two, three, and four parts (without pedals), for perfection of touch and execution, as exemplified in the works of Rink, André, Hesse, and Lemmens.

Rink's Organ School, Books I., II., and III.; Studies in Registration; Offertories by Wély and Batiste; Easy Choral Preludes of Bach, Richter, Merkel, Papperitz, and others; Short Fugues of Bach.

SECOND YEAR.

Rink's Organ School, continued; Buck's Studies in Pedal Phrasing; Arrangements from the Sonatas and Symphonies of Haydn, Mozart, and Beethoven: Choruses arranged from Händel's Oratorios; Selections from Bach's Organ Fugues: Mendelssohn's Sonatas; Preludes, Fantasies, and other pieces from Wély, Guilmant, Merkel, Batiste, and Hesse; Best's Arrangements.

THIRD YEAR.

Händel's Concertos; Mendelssohn's Sonatas; Ritter's Sonatas; Merkel's Sonatas; Toccatas, Preludes, and Fugues of Bach; Concert Pieces by the best English, French, and German masters; Best's Arrangements, continued.

FOURTH YEAR.

The more difficult works of Bach, Händel, Ritter, Guilmant, Widor, and Saint-Saëns; Best's Arrangements, continued.

FIFTH YEAR.

Bach's Trio Sonatas, Fugues, and Passacaglia; Rheinberger's Sonatas; Thiele's Concert Pieces; Best's Arrangements; Concert Pieces of the best masters, ancient and modern.

C—Course of Study in Solo Singing.

FIRST YEAR.

The Voice as an instrument; Formation of Tone; Study of the Scales, major, minor, and chromatic; Slow trills and simple musical figures, with the vowels *ä*, *i*, and *o* pure and modified; Rules for breathing, and their practical application; Concone's Studies; Exercises Elémentaires Gradués, by Mme. Marchesi; Vocalises by Vaccai, Sieber, and Marchesi; Exercises for the flexibility of the vocal chords; Selected songs in English, French, German and Italian.

SECOND YEAR.

Continuation of the above; Lamperti's Bravura Studies, Books I. and II.; Advanced studies for agility; Songs by the best American and European composers; Simple Scenas and Arias from the Italian, French, and German Operas; Airs from the Oratorios.

THIRD YEAR.

Lamperti's Bravura Studies, Books I., II., and III.; Etudes by Bordogni; Vocalises by Panofka, Marchesi, and Rossini; Songs of Schumann, Franz, Mendelssohn, Rubinstein, and best English and French writers; Oratorio; Scenas and Arias from standard Operas; Operatic Arias by Händel, arranged by Robert Franz.

FOURTH YEAR.

Résumé of previous work; Study of music by the old German, Italian, and English masters; Selections from the more difficult cavatinas and concerted pieces from the operas; Oratorio singing continued.

FIFTH YEAR.

Bravura singing as exemplified in the best works of present and past composers; The great Arias and concerted pieces from the Classic Operas and Oratorios; Selected Songs.

Elocution is studied during each year of the Course in Solo Singing.

Harmony and Musical Theory.

1. Harmony. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Mrs. Stovall.

Candidates must be thoroughly prepared in simple Musical Theory or the fundamental principles of Music. A knowledge of piano-playing is required as far as Czerny Op. 299, and the easier sonatas of Haydn and Mozart, or their equivalents.

In this course will be taught the principles of tone relation and combination as embraced in the following divisions: Formation of the scales, major and minor, chromatic and enharmonic, intervals; consonances and dissonances; simple triads and their inversions; primary and secondary seventh chords in their original and inverted positions; chromatically altered chords; harmonization of choral melodies; modulation.

2. Advanced Harmony. *Open to students who have taken course 1. Three hours per week for a year.*

Mrs. Stovall.

Incidental chord formations; suspension, organ point; passing-notes and passing-chords; appogiatura; hidden fifths and octaves; cross relation; closing cadence; cantus firmus in Soprano, Alto, Tenor, and Bass; means of modulation; formation of melody; composition of the choral and double chant.

†3. Counterpoint. *Open to students who have taken the two previous courses. Three hours per week for a year.*

Professor Hill.

Equal counterpoint in four parts; unequal and mixed counterpoint; florid counterpoint. Later, a similar treatment in three parts; then in two. Double counterpoint.

†4. Canon and Fugue. *Open to students who have completed Course 3. Three hours per week for a year.*

Professor Hill.

†5. Musical Form. *One hour per week for a year.*

Professor Hill.

In this course will be taught the gradual development of a musical composition through Motive, Phrase, and Period. The Song form. The various dance forms. The Rondo, Sonata, and Symphony. Course 5 does not require a knowledge of the two previous courses, but does require proficiency in Harmony and Piano playing.

†6. Musical History. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Professor Hill.

Highest development of music in ancient times by the Greeks. Music of the Early Christian Church. Services of St. Ambrose and Gregory. Mediæval systems. Times of Guido of Arezzo and Franco of Cologne. Music in the Middle Ages. The Troubadours and Minnesingers. The School of the Netherlands. Early Catholic Church Music. Sacred Music in Germany and England in the sixteenth and seventeenth centuries. The Secular Music of the same era. Instrumental Music. The Opera and Oratorio. Dramatic Music. Opera in Italy, Ger-

† Withdrawn for the current year.

many, and France. Johann Sebastian Bach, George Frederic Händel, Gluck, Haydn, Mozart, Beethoven, Von Weber, Schubert, Mendelssohn, Schumann, Chopin, Liszt. Piano and Piano-playing. Modern Instrumentation. The Symphony of to-day. Richard Wagner and his music drama.

Ensemble Playing.

Facilities are offered for the study and practice of chamber music—the Fantasies, Romances, Sonatas, and Trios of the Great Masters, for the Piano and Violin, with addition of Violoncello, and occasionally other instruments.

Analysis and Interpretation.

Classes in analysis and interpretation of classical works will be formed by the Director if desired by at least six pupils.

NEEDS OF THE COLLEGE.

The attention of all who appreciate the influence of educated and refined women, is called to the immediate needs of Wellesley College. The College is now established on such a firm basis that it can with confidence appeal to the public for aid.

Hundreds of Wellesley students are already doing good work as teachers, and every year since the College opened, missionaries have gone forth from Wellesley to home or foreign fields of work.

The urgent needs of the College at present are the following:—

1. Unrestricted funds for defraying general expenses.
2. Additional cottages.
3. A scientific building.
4. A gymnasium building.
5. The endowment of the presidency and professorships.
6. The endowment of the Departments of Music and Art.
7. The further equipment of the Department of Art with casts, pictures, engravings, and models.

FORMS OF BEQUEST.

I give and bequeath to the Trustees of Wellesley College the sum of ——— thousand dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think will be most useful.

I give and bequeath to the Trustees of Wellesley College the sum of ——— thousand dollars, to be safely invested by them, and called the ——— Scholarship Fund. The interest of this fund shall be applied to aid deserving students in Wellesley College.

I give and bequeath to the Trustees of Wellesley College the sum of ——— thousand dollars, to be safely invested by them, and called the ——— Endowment Fund. The interest shall be applied to the payment of the salaries of teachers in Wellesley College, as the Trustees shall deem expedient.

SUMMARY OF STUDENTS, SEPTEMBER, 1896.

Resident candidates for the M.A. degree		25
Candidates for the B.A. degree :—		
Seniors	139	
Juniors	152	
Sophomores	165	
Freshmen	209	
		665
Non-candidates for degrees		31
Total registration September, 1896		721
Non-resident candidates for the M.A. degree		10

United States :—		South Dakota	3
Massachusetts	272	Florida	2
New York	87	South Carolina	2
Pennsylvania	39	Maryland	2
New Jersey	37	Mississippi	2
Maine	37	Alabama	1
New Hampshire	34	Arkansas	1
Connecticut	33	California	1
Illinois	25	Delaware	1
Ohio	24	Idaho	1
Rhode Island	20	Louisiana	1
Vermont	15	Montana	1
Iowa	10	Nebraska	1
Michigan	9	Oregon	1
Colorado	8	Utah	1
Missouri	8	Virginia	1
District of Columbia	6	West Virginia	1
Indiana	6	Canada	1
Minnesota	6	Hawaiian Islands	1
Wisconsin	5	India	1
Kentucky	4	Japan	1
Kansas	3		
Tennessee	3		721
Texas	3		

Degrees Conferred in 1896.

MASTER OF ARTS.

Elisabeth Frances Abbe (Wellesley, '88), Boston, Mass. *Subjects: Greek and Classical Philology.*

Alice Dana Adams (Wellesley, '87), Auburndale, Mass. *Thesis: Federal Emancipation.*

Amelia Avery Hall (Wellesley, '85), Westerly, R. I. *Thesis: The Elizabethan Drama and Modern English Fiction: A Comparison of Motifs.*

Margaret Josephine Holley (Wellesley, '90), Selma, Ala. *Thesis: A Comparison of the Women of Shakspere with those of George Meredith.*

Maude Ryland Keller (Wellesley, '92), Wellesley, Mass. *Thesis: Studies in the Woman Dramatists of the Victorian Era.*

Maria Alice Kneen (Wellesley, '93), Woodstock, Vt. *Subjects: Greek and Psychology.*

Mary Edith Raines (Tarkio College, '92), Tarkio, Mo. *Subjects: English Literature and Philology.*

Bertha Eliza Smith (Wellesley, '90), Hartford, Conn. *Thesis: A Comparative Study of Æschylus, Sophocles, and Euripides, based on the Choephoroi of Æschylus, the Electra of Sophocles, and the Electra of Euripides.*

BACHELOR OF ARTS.

Elizabeth Starbuck Adams, Wellesley Hills, Mass.
Alzora Aldrich, Westerly, R. I.
Blanche Bartleson, Minneapolis, Minn.
Josephine Harding Batchelder, Holliston, Mass.
Jennie Ritner Beale, Frederick City, Md.
Alice Geissler Beebe, Nantucket, Mass.
Ada Marshall Belfield, Chicago, Ill.
Augusta Hunt Blanchard, Portland, Me.
Belinda Miles Bogardus, Mt. Vernon, O.
Myra Louisa Boynton, Lawrence, Mass.
Emily Hunter Brown, Woburn, Mass.
Martha Albourne Bullis, Olean, N. Y.
Charlotte Frances Burnett, Cincinnati, O.
Edith Emerson Butler, Northampton, Mass.
Jane Adee Byers, Sycamore, Ill.
Agnes Louise Caldwell, Shelbyville, Ky.
Maude Estelle Capron, Providence, R. I.
Gertrude Carter, Montclair, N. J.
Mary Esther Chase, West Philadelphia, Pa.
Ina Maria Chipman, Berwick, Nova Scotia.
Mary Williamina Christie, Chelsea, Mass.
Harriet Belle Clark, Dover, Ill.
Annie Eugenia Cobb, Newton Centre, Mass.
Annie Wainwright Colby, Manchester, N. H.
Helen Fairman Cooke, North Brookfield, Mass.
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